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Oil, Paint and Drug Reporter

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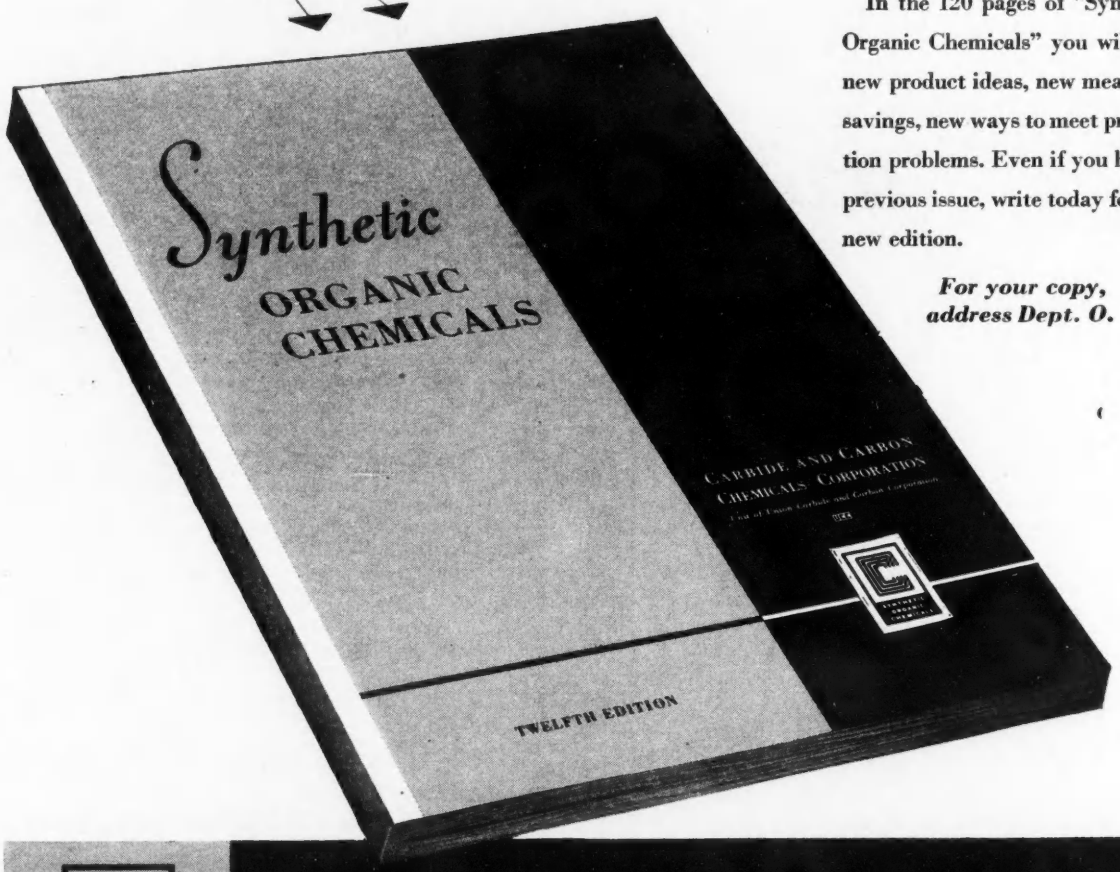

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Procurement Time Lags Tabulated by WPB

OPD Washington Bureau

A pamphlet showing the approximate lead time for procurement of a selected list of components in a number of manufacturing industries was issued October 16 by the War Production Board in another of its moves to assist the reconversion of industry to peacetime production.

In the case of the chemical industry the board estimated that the time lag between the date when an order is placed and the date when shipment is made will, for the most part, be back to normal by next January or, at most, by the end of the first quarter of 1946. In some instances, however, the lead time will not be normal until next July or later.

The time lags or lead times shown are average, and conditions in specific localities or for special quantities, or particular specifications, obviously will vary. Officials believe, however, the data will have a twofold value, enabling manufacturers to schedule production with a greater degree of accuracy and indicating to government priority officials whether or not a need actually exists for priorities assistance,.

The report shows that for the following chemicals orders are being filled out of stock, on the average, and the time lag is normal:—Acids

—*Continued on page 65*

Sugar Making by Alcohol Plants Passes Senate

OPD Washington Bureau

Legislation permitting industrial alcohol plants to engage in the production of sugars and syrups while at the same time continuing the production of alcohol was passed by the senate Octboer 11. The measure (S. J. Res. 100) now goes to the house for concurrent approval.

The principal objective of the legislation is to prevent the threatened waste of surplus potatoes and "wet" corn, which its sponsors foresee will occur unless Congress lifts the restrictions contained in the Internal Revenue Act on operations of the alcohol plants. The authority to produce sugars and syrups simultaneously with the production of alcohol would continue until July, 1946.

Soda Bichromate Plant for Sale

The Reconstruction Finance Corporation, designated by the Surplus Property Administration to dispose of surplus plants and capital goods, is offering a plant designed to produce soda bichromate. The plant which was operated for the government by the Martin Dennis Company, Kearny, N. J., has eleven buildings of steel, brick, concrete and wood occupying ten acres of land under lease for twenty-five years. Total square footage 79,000. All utilities available. Plant has services of Erie Railroad siding and ship loading dock on the Hackensack River.

Railroad Claims Deadline Uniformity Sought

OPD Washington Bureau

Two bills, S. 356 and S. 432, to provide a three-year limitation of time within which suits may be filed in actions for under charges and overcharges by or against railroads, motor carriers and freight forwarders, have been reported favorably to the senate by the senate committee on interstate commerce.

The objective of the legislation is to bring about uniformity in matters of this kind, made necessary by the fact that there is no Federal law now governing the time for filing of such suits. These are brought and thus are governed by a wide diversity of statutes of limitations.

Penick Vice-President

J. Treadwell Bullwinkel, for many years president and chairman of the board of the Phosphate Mining Company, New York, a company recently merged with the Virginia Carolina Chemical Corporation, Richmond, Va., has been elected a vice-president in charge of finances for S. B. Penick & Co., producer and manufacturer of botanical drugs and fine chemicals, according to S. P. Penick, jr., president of the company.

Public Purchasing Agencies Elect

The National Institute of Governernmental Purchasing, a nonprofit organization of buying agencies of States, counties, cities, and school districts, has elected the following officers for its 1945-6 year:—

President, Maurice G. Postley, superintendent of school supplies, Board of Education of the City of New York.

Vice-presidents, Joseph W. Nicholson, city purchasing agent, Milwaukee, and David H. Marbury, city purchasing agent, Birmingham, Ala.

Treasurer, W. Z. Betts, director of purchases and contracts, Raleigh, N. C.

Secretary and executive director, Albert H. Hall, 730 Jackson place, N.W., Washington 6.

Mr. Postley has appointed an advisory council consisting of the following:—

Harold F. Burnworth, director, Department of Supplies, Pittsburgh; Charles F. McCauley, director of purchases, Wayne county, Michigan; Virgil H. Hurless, office of the comptroller, Milwaukee; Clifton E. Mack, director of procurement, United States Treasury Department; Dr. P. G. Agnew, secretary, American Standards Association; and Willis S. MacLead, acting deputy director, standards branch, procurement division, United States Treasury Department.

Butyl Alcohol Made From Surplus Potatoes

OPD Washington Bureau

A program for utilization of surplus potatoes in the production of butyl alcohol has been put into operation by the Department of Agriculture, to be broadened later to include production of glucose at the Midwest grain alcohol plants when pending legislation authorizing such production has been enacted.

According to the department, the Philadelphia alcohol plant of the Publicker Industries, Inc., is now utilizing thirty-five carloads of potatoes a day for the production of butyl alcohol and will step up this consumption to seventy-five cars daily by October 25.

The big alcohol plant of the Grain Processing Corporation at Muscatine, Iowa, is now starting production of alcohol from the Midwest surplus potatoes supply and progress is being made, the department stated, for utilizing the facilities of the Farm Crops Processing Corporation plant at Omaha, Neb., for this same purpose.

Chemicals Division in CPA Headed by Lawrence Brown

OPD Washington Bureau

A Chemicals Division, directed by Lawrence Brown, at present assistant director of the Chemicals Bureau of the War Production Board, will be one of nine industry divisions set up under the Bureau of Reconversion Operations being established in the Civilian Production Administration to take over the work now being done by WPB when it ceases to exist as an agency November 3.

A number of other members of the WPB chemicals bureau, with whom industry representatives became well acquainted in working out the problems of war production, also will move over to the new division with Mr. Brown, carrying on in large measure the work still remaining of controling the distribution of scarce materials in the chemicals industry.

The personnel of the new CPA chemicals division will consist of the following:—

Administrative Functions

Lawrence Brown, director; Cherry Key, secretary; Dorothy Burke, administrative assistant; Marion Barton, chief, mails and files; Everett Dyas, mail file and record clerk.

Staff Functions

Statistics—Frieda Kenyon, industrial analyst; Mary Daley, clerk.

Operation Functions

Inorganics—J. W. Wizeman, industrial specialist (chief); Mary A. Greco, administrative assistant; Maude C. Reed, clerk-stenographer.

Chrome, Tin, Lead—Mina-Rea J. Perlow, industrial specialist; Ruth Mendelsohn, clerk-stenographer.

Fertilizer Materials—W. T. Daugherty, industrial specialist; Anna Marie Hogin, industrial analyst; Agatha V. Kobs, industrial analyst; Gwendolyn J. Dirks, industrial analyst.

Insecticides—Mary C. Colfer, industrial analyst; Anita Maggiolo, industrial analyst.

Phosphates—Robert W. Field, industrial specialist; Virginia Byers, industrial analyst.

Aromatics—Louis A. Schlueter, industrial specialist (chief); Theodore Rude, industrial specialist; Margaret Cotter, clerk-stenographer.

Alcohol—Frank E. Bennett, industrial specialist (chief); Edward Haenni, industrial specialist; Kathleen Harlow, industrial analyst; Ann Kubica, clerk-stenographer.

Drugs—Henry W. Heine, industrial specialist; Roy Koch, industrial specialist; Emily Tennyson, industrial analyst; Marguerite Schick, industrial analyst; Geraldine Burnette, clerk-stenographer.

Protective Coatings and Plastics—Wells Martin, industrial specialist (chief); John P. Duane, industrial specialist; Maynard Norris, industrial specialist; Elizabeth Benz, head conference reporter; Rita Casey, industrial analyst; Elise Mullikin, industrial analyst; Helen S. Ault, industrial analyst; Mary Ellen Chasky, clerk-stenographer; Virginia Thornberry, clerk-stenographer.

Five Bureaus Set Up

The Bureau of Reconversion Operations is one of five operating bureaus that are being set up under CPA. It is to be directed by Fred Glover; and, besides the chemicals division, it will have under it these eight other industry divisions:—Metals, minerals, lumber and forest products, textiles, consumers' durable goods, equipment, rubber, and construction.

Mr. Glover has been in Washington since 1941, heading up the WPB automotive division. He is a graduate of the University of Minnesota and has been general manager of the Gas Traction Company, Minneapolis; vice-president of the Emerson Brantingham Company, Rockford, Ill.; vice-president and later president of the Timken Detroit Axle Company, president and general manager of Reo Motors, Inc.

The other bureaus are:—

Bureau of Reconversion Priorities, headed by Lincoln Gordon, formerly WPB program vice-chairman. The bureau will include the general administration of priorities, allocations, regulations, inventory, compliance, and such other controls as are required during the transition period. The bureau will include a government division, where local, State, and other governmental agencies can come for specialized help. The Canadian division will also be in this bureau. One division will deal with the simplification and, as soon as conditions permit, the revocation of, individual regulations and controls. One of the important phases of the work of the bureau will be the granting of AAA priorities and directions to break bottlenecks in reconversion.

Bureau of International Supply, Robert Turner, director, will be charged not

—*Continued on page 60*

WPB Chemical Bureau Forms Alumni Ass'n

OPD Washington Bureau

On the initiative of Dr. D. P. ("Tick") Morgan, director, the Chemicals Bureau of the War Production Board is organizing an alumni association. It has more than 800 "graduates" on whom to draw.

J. W. Wizeman, chief of the inorganics branch, has been named president of WPBCBAA. He has sent reply postcards to all who have been members of the WPB chemicals personnel, and has had more than 300 replies to date.

The reply cards seek data on the "graduate's" name, permanent address, place of employment, and title when in WPB service. It is purposed to compile these data in book form for distribution to all members of the association. Changes in location will subsequently be reported in bulletins.

Lime Rule for Farmers Allows Direct Buying

OPD Washington Bureau

Regulations of the Department of Agriculture governing the fixing of fair prices for conservation materials and services acquired under purchase orders have been amended by the department to expand the coverage of th purchase order plan to include liming materials.

Heretofore, liming materials were purchased by farmers cooperating in the conservation program through the department, under contracts between the department and the primary liming materials distributors. The amended regulations authorized the farmers how to negotiate directly with the local distributors for the materials, as has been the case for the past year or more for fertilizers and other services.

A.C.S. Northeastern Section Elects Chairman

Dr. Stuart Brooks Foster, head of the department of chemistry in the State Teachers College at Framingham, Mass., has been elected chairman of the Northeastern section of the American Chemical Society. He succeeds Prof. Harold A. Iddles of the University of New Hampshire. The Northeastern Section embraces in its membership the chemical profession of Massachusetts and New Hampshire.

DCAT to Hold Meeting On Labor Relations

"Labor Relations and Their Impact on the General Public" will be the subject of a luncheon meeting held by the Drug, Chemical and Allied Trades Section of the New York Board of Trade, October 31, at the Waldorf-Astoria. Reservations may be secured at the Secretary's office, 291 Broadway, New York. Cost of luncheon ticket, $5; tables of ten, $50.

OPD Price Index

The OIL, PAINT AND DRUG REPORTER's relative record of prices for chemicals and related materials is currently as follows:—

Oct. 19, 1945	Oct. 11, 1945	Oct. 20, 1944
133.4	**133.8**	**136.7**

The base of the OPD Price Index is the average of prices in 1926 and 1936, those years representing extremes of price undulations in the interwar period.

There was a deal of activity and some movement in prices in the markets for chemicals, oils, and drugs last week. Botanical drugs got another boost to a point still farther above the 1944 level. In the other active quarters, the predominant movement was downward, a lower price for xylols being noteworthy. The net result was a lowering of the general average almost as far as it had been elevated in the previous week.

There was some voluntary improvement in basic employment relations, but a substantial cut had been made in chemical production. Some big plants were close to the bottom of their coalpiles when the miners were sent back to work.

Obituaries

Francis J. French

Francis J. French, former president of the R. T. French Company, spices, Rochester, N. Y., died October 12 after a three-year illness.

Mr. French was one of two sons who helped their father, R. T. French, to found the company 50 years ago. Until the death of his brother, George J. French, he had served the company as vice-president. He became president in 1926, and served until 1935. Following his relinquishment of that office, he remained a director of the organization until 1942.

A charter member of the American Spice Trade Association, Mr. French aided in the enactment of the first food and drug act, passed in 1906.

Surviving are his wife, Mrs. Elinor M. French, and three married daughters.

Henry A. Goman

Henry A. Goman, founder and president of National Products Refining Company, Jersey City, N. J., died in Old Westbury, L. I., October 16. He was sixty-nine years of age.

Mr. Goman also was president of the Chromium Chemical Company, Napraloy Corporation and the Eastern Finance Corporation of Connecticut. In 1942 he was appointed a member of Chromium Chemical Manufacturers Advisory Committee of the War Production Board.

Born in Macon, Ga., Mr. Goman was graduated from Stevens Institute of Technology and studied also in Freiburg, Germany.

Surviving is his wife.

D. F. J. Lynch

D. F. J. Lynch, director of the Southern Research Laboratory, of the United States Department of Agriculture, died in New Orleans, October 15. Mr. Lynch was credited with the development of a method for the commercial production of cellulose from sugarcane bagasse.

Fred P. Wohnlich

Fred P. Wohnlich, for twenty years manager of the Baltimore branch for Parke, Davis & Co., pharmaceutical manufacturer, Detroit, died last week. Mr. Wohnlich, who had been associated with the Parke, Davis organization for forty-eight years, was appointed Baltimore division manager in 1924 and retired January 1, 1944. Surviving are two daughters.

Vernon O. Bonitto, retired representative of the Lincoln, Metropolitan and West Indies Oil Companies, Philadelphia, died in Plainfield, N. J., October 13.

Eli Houston Brown, jr., a founder of the Swiss Oil Company, Louisville, Ky., and a founder of the Louisville Refining Company, died October 13. He was seventy-one years of age.

RFC Surplus Chemical Sales Gain

Surplus chemicals reported to the Reconstruction Finance Corporation for disposal by the military services and other agencies of the government rose $1,912,000 to a total of $11,015,000 as of August 31, according to the RFC's latest monthly report on surplus disposals. As of that date the agency had disposed of $2,785,000 of chemicals for $1,602,000, leaving $8,230,000 on hand.

The acquisitions consist of $2,676,000 of industrial, fine, and related chemicals (group 19-12) of which $915,000 worth were sold for $380,000; $2,703,000 of paints, varnishes, lacquers, japans, thinners, (group 19-41) of which $493,000 worth were sold for $296,000; $2,347,000 of miscellaneous chemicals, including industrial chemical products and preparations (group 19-9) of which $308,000 were sold for $137,000; and $3,289,000 of other chemicals of which $1,069,000 were sold for $789,000.

The agency also reported the acquisition of $44,676 of oils, fats, and waxes (group 17) of which $36,027 worth was sold for $38,465; acquisition of $17,573 of drugs and medicines (group 65) of which $17,310 worth was sold for $3,923; and acquisition of $2,532 of toiletries, soap, etc. (group 66) of which $98 worth was sold for $97.

Details of the chemical (group 19) acquisitions and sales follow:—

Basic inorganic chemicals and products (group 19-1), $90 acquired, $17 sold for $17.

Heavy chemicals (group 19-11), $147,272 acquired, $98,824 sold for $61,331.

Coal and petroleum crudes (group 19-21), $15,938 acquired, $7,732 sold for $4,703.

Intermediates cyclic (group 19-22), $30,362 acquired, $11,212 sold for $7,270.

Dyes (group 19-23), $342,772 acquired, $96,544 sold for $68,037.

Color lakes and toners (group 19-24), $1,686 acquired, all sold for $1,200.

Rubber chemicals (group 19-25), $985 acquired, $374 sold for $374.

Perfume and flavor materials (group 19-26), $1,193 acquired, none sold.

Gum and wood chemicals, except acetic acid and wood alcohol (group 19-27), $73,239 acquired, $49,085 sold for $5,180.

Natural dyeing and tanning materials, (group 19-28), $1,431 acquired, $1,427 sold for $1,080.

—Continued on page 36

Carnauba Wax Supply Discussed

Discussion of the supply of carnauba wax featured a meeting of floor wax manufacturers held in the Hotel McAlpin, New York, October 11 under the auspices of the sanitary products committee of the National Association of Insecticides and Disinfectant Manufacturers.

Joseph Green, of Oil Specialties & Refining Company, who was named chairman of the meeting, reviewed the current market situation on carnauba wax supplies. He said that substantial amounts of carnauba wax are being imported into the United States but that no stocks are available through normal importing channels. Mr. Green said that most users of carnauba wax in the floor wax industry are unable to obtain operating stocks.

A letter from Chester Bowles, of the Office of Price Administration, read in part by Mr. Green stated:

It is a matter of record that some directly-importing industrial users have imported more than their normal share of supply, and we have concluded arrangements with the War Production Board with the understanding that these companies will be required to sell some of the excess inventories to other consumers of carnauba wax. It is suggested that you refer your request to Mr. Edward Browning, jr., Deputy vice-

—Continued on page 58

Tanker Freight Rates Cut for Bulk Liquids

A general revision of tanker freight rates covering the transportation of various bulk liquid cargoes, effective for all vessels which completed loading on and after October 15, has been announced by the War Shipping Administration.

WPB Inorganics Men Return to Industry

OPD Washington Bureau

The Inorganics Branch of the War Production Board, largest operating group of the chemicals bureau and headed throughout the war period by J. W. Wizeman has shrunk with the revocation of all control orders for basic inorganic chemicals, fertilizer materials and insecticide materials. It is expected that the remaining staff will continue with the board and in some cases be incorporated in the new Civilian Production Administration. The following have entered industry:—

J. C. Leppart, Deputy Chief of the Branch and in charge of the Section having jurisdiction over alkalies, compressed gases and glass will take up his duties at Corpus Christi in charge of the Southern Alkali Company's plant operations.

Dale C. Kieffer, former head of the Agricultural Chemicals Section, has joined Smith-Douglass Company at Norfolk, Virginia.

Specialists in the Acids and Salts Section included Victor Boutin who administered orders relating to chlorates, peroxygen chemicals and matches. Mr. Boutin is now with Price & Co., Cincinnati, Ohio.

Winthrop R. Corey who supervised phosphorus and phosphate allocations is now with Monsanto Chemical Company, St. Louis, Missouri. Mr. Corey also served in the closing period of the war as head of the Agricultural Chemicals Section and specialized on superphosphate and phosphate rock problems.

Sylvan Wallach, specialist on anhydrous hydrofluoric acid, has quit Washington to do graduate work in the Department of Mathematics, Johns Hopkins University, Baltimore, Maryland.

Alonzo White, Chief of the Sulfuric Acid Unit, is associated with Standard Wholesale Phosphate and Acid Works, Baltimore, Maryland.

Abraham Henderson, who assisted in the allocation of primary chromium chemicals, has accepted a position with the French Mission in Washington, D. C.

Robert C. Albright, who assisted in allocation of matches and barium chemicals, is planning to return to California.

In the Insicticide and Fungicides Unit, John A. Rodda is now identified with Dodge & Olcott, New York City, and his successor as Chief of the Unit, Melvin Goldberg, who ably programmed the DDT expansion, is now with Geigy Company, New York City.

Henry L. Taylor, Chief of the Nitrogen Unit, joined the Barrett Division with headquarters at Wilmington, N. C. The Deputy Chief, Willard C. Cope, is presently located in the Engineering Division of the Reconstruction Finance Corporation, Washington, conducting studies concerning utilization of wartime chemical plants. William T. Mehaffey is identified with Mr. Cope in his new work.

Myron E. Keim, allocater of potash, is now associated with the American Potash Institute at the Washington, D. C., headquarters.

Frederic C. Arden, wartime assistant to J. C. Leppart, is associated with Joliet Industrials, Inc., Joliet, Illinois.

Robert S. Boynton is with the new chemical sales organization established by Ashcraft-Wilkinson & Co., Atlanta, Georgia. Mr. Boynton's functions in the War Production Board concerned lime and potash alkalies.

John G. Fletcher of the Chlorinated Unit is now with RFC in Washington on surplus disposal activities.

Richard J. Flood, jr., who analyzed inorganic chemicals project expansions, has resumed his former duties in the Interstate Commerce Commission in Washington.

Most of the stenographic and clerical staff have transferred to other government agencies, including Josephine Cappellini, Jane Czachor, Grace Duerden, Ruth Hill, Edith Levinson, Eleanor Moore, Georgia S. Moss, Sylvia Omansky, Florence Renz, Martha J. Riley, Ann Roberts, Coletta Schultz, Margaret Solomon, Edith Stackpole and Cleo White. Those quitting government for industry include Norma Burubee, Southern Alkali Co., Corpus Christi, Texas, and E. Loleta Williams, Joliet Industrials, Inc., Joliet, Illinois.

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Fertilizer Association Against Further Inroads

OPD Washington Bureau

Directors of the board of the National Fertilizer Association were hosts at a luncheon tendered to members of the periodical press at the Willard hotel, October 19, highlighted by the absence of any speakers beyond a one-minute welcome extended by M. H. Lockwood, of the Eastern States Farmers' Exchange, chairman of the board.

Board members met the remainder of the afternoon at the association's headquarters to receive a report on the progress and plans of Hill & Knowlton, the association's publicity agency, on the campaign being waged through the press against the bill S-882 and other legislation to put the government further into the fertilizer business.

Bids Wanted

Calcium Chloride:—15,000 pounds, General Purchasing Officer, the Panama Canal, Washington 25, D. C.; schedule 4048, opening October 29.

Cellulose Nitrate Lacquer:—600 gallons, General Purchasing Officer, The Panama Canal, Washington 25, D. C.; schedule 8048, opening October 29.

Core Oil:—10 55-gallon drums, Purchasing Officer, District Government, Washington 4, D. C.; schedule 7487, opening October 24.

Fertilizer, Mixed:—78,000 pounds, Chief Clerk, Department of Justice, Bureau of Prisons, U. S. Penitentiary, Terre Haute, Ind.; invitation 31-2173, opening October 23.

Soda Carbonate:—5,900 bottles, sealed bids are wanted for sale of; Department of Commerce. Office of Surplus Property, Denver 2, Colo.; sales No. 10948, opening October 23.

Thiosulphate Sodium: — 181,750 tubes, sealed bids are wanted for sale of Department of Commerce, Office of Surplus Property, Atlanta 3, Ga.; sales No. 7-46037, opening October 30.

Zinc Oxide Paste in Oil:—50,000 pounds, General Purchasing Officer, The Panama Canal, Washington 25, D. C.; schedule 8048, opening October 29.

Strychnine Price Ceiling Revised Up

OPD Washington Bureau

Merck & Co. has been granted an adjustment of its maximum price ceilings on sales of strychnine to the government and industrial consumers by the Office of Price Administration, it is disclosed. The "letter order" granting the adjustment was approved by the agency June 20, last.

The letter stated that the adjustment in price ceilings was being allowed because the cost of the principal raw material, nux vomica, has increased approximately 100 percent since the base period, March, 1942, thereby making it impossible to produce and sell strychnine under the old GMPR ceiling.

The letter further stated that Merck & Co. was the only producer of strychnine in the United States and with the loss of its production, its customers would be forced to resort to higher-priced sources of supply, namely, imported strychnine.

The company was authorized to sell and deliver strychnine to the government and industrial consumers at the following maximum prices per ounce, subject to the same arrangements as to payment of freight existing prior to the order:—

(a) Strychnine alkaloid N. F. powder:—

(1) 100-ounce cans:—6.875 multiplied by the delivered cost of the nux vomica per pound contained therein plus $0.367.

(2) For sales of small sizes, the maximum price per ounce should be the maximum for powder in 100-ounce cans plus the following:—

	Per ounce
25-ounce can in 100-ounce lots	$0.01
25-ounce can	.03
5-ounce bottle	.07
1-ounce bottle	.14
¼-ounce bottle in 100-ounce lots	.60
¼-ounce bottle in 25-ounce lots	.62
¼-ounce bottle	.64

(b) Strychnine alkaloid N. F. crystals:—

Ten cents per ounce above the corresponding powder price.

(c) Salts of strychnine:—Maximum prices per ounce for any salt of strychnine shall be the maximum price for such salt immediately prior to the issuance of this order plus an amount obtained by multiplying the increase (over the present maximum price) permitted by paragraph (a) (1) above per ounce of strychnine alkaloid powder by the percentage by weight of such powder in the salt.

Fertilizers Combined Bd. Group Names Chairman

OPD Washington Bureau

G. J. Gallister, former alternate Canadian member of the Committee on Fertilizers of the Combined Food Board and the Combined Raw Materials Board, has recently been named chairman of the committee.

W. C. Finn of the Department of Agriculture, who has been serving as acting chairman of the committee, will continue on the committee as the United States member. The full membership of the committee includes representatives of the United States, United Kingdom, Canada, France, Norway, Belgium, Netherlands, Denmark and Chile.

The principal problems facing the committee at this time are the needs of the liberated areas of Europe for fertilizers in order to build up their agricultural industries and be less dependent next year on the United States and other sources for food supplies.

OPA Price Control Continuance Favored

OPD Washington Bureau

Price Administrator Chester Bowles, who recently asked the 7,300 industry leaders serving on OPA advisory committees how long price controls will be needed, announced last week that out of the first 1,486 replies received, only six percent feel that all price control should end now. Another six percent say it could be eliminated by January 1 of next year.

These opinions came from industry leaders, representing small and large business men in all major industries and all parts of the country. They are members of 611 OPA industry Advisory committees which have been set up by direction of Congress to advise and consult with the price administrator.

Washington Talks It Over

Observations • Prognostications • Developments

By OPD Observer

The job of disposing of the mountainous stocks of surplus consumer goods of the army and the navy has changed hands again. Secretary of Commerce Wallace, who gladly took it over from the Treasury only a few months ago with ideas that he could use it to further the administration's aims of helping little business, has just had the whole business transferred over to RFC.

Officials around the department don't give any reason for the transfer, but it is common knowledge that the task of trying to follow the mandate of the law to use the surpluses to "strength and preserve the competitive position of small business concerns" has turned out to be almost an impossibility—if the principal objective of ridding the government of the surplus is to be achieved.

It became quite apparent about six weeks ago that the job was becoming Washington's hottest potato. Little business continued to complain loudly that it was not getting a fair break and began putting pressure on congressmen who in turn started riding the disposal officials. Added to this were the mounting voices of returning war veterans unable, because of red tape, to buy jeeps and other army surpluses they had hoped for.

How RFC is going to handle the problem is a matter for the future to determine. It did not ask for it and does not want it. But it is almost certain to be cited as another reason for changing the law to make it more workable.

Surpluses and Prices

There has been a lot of whispering in industrial circles recently about the contents of a report which the War Department has prepared showing its inventories of chemicals at the close of July. Some of the amounts are said to be astounding, toluene being one of those mentioned in particular.

Industries should not be too fearful, however, over what eventually is done with these surpluses. They will, undoubtedly, be transferred to RFC for disposal, but they will be disposed of in such a way as to cause the least disturbance possible to the market price structure. Officials are cognizant of the potentialities of the situation and have the interests of both producers and users in mind. There will be no assault on the price structure.

Antitrust Ostracism

Demands being made in Congress for tighter antitrust law controls have taken on a new twist, with the small business investigating committee of the house out in the vanguard in favor of legislation to prohibit habitual individual violators of the antitrust laws from continuing to serve as officers or directors of incorporated enterprises.

The committee believes that, if these men are forbidden to act as either an officer or a director of any incorporated business in the future it might tend to cool their ardor for the practice of pleading nolo contendere and being let off with nominal cash fines. It bases this assumption on the probabilities that the high salaries now paid might not be available to them if they are forbidden to hold responsible positions in the various enterprises in which they had an interest.

Industrializing the World

Secretary Wallace is making plans to spread American "know-how" throughout the world to meet the increasing demand for technical service on such things as plant design and layout of factories, production processes, machinery specifications, and similar matters. A list of United States firms qualified to furnish this service is being prepared in his department to be made available to all United States embassies and legations and consulates throughout the world.

Mr. Wallace believes the information should be helpful in obtaining wider utilization of American technical methods and processes, with a resulting wider market for our industrial machinery and allied products. American industry now enjoys a worldwide reputation second to none because of its tremendous influence in winning the war and this popularity is in large measure responsible for the demand for American "industrial know-how."

Weedkilling Technic

Success in killing weeds with 2:4-D has brought a flood of speculation as to how this herbicide works. A common view has been that the chemical causes susceptible plants to "grow themselves to death." Experiments at the Beltsville Plant Industry Station, however, show that the treated weeds do not grow—they cease growing.

Working on the fundamentals of 2:4-D and similar new herbicides, the station concludes that the vulnerable weeds die "because their food reserves are depleted or burned up." Evidence in support of this partial explanation is that the roots of dandelion and annual morning glory shrivel up and die following application of the killer.

Annual morning glory root reserves are depleted to almost nothing in two weeks, and the thick roots of dandelions become soft in about three weeks. Under warm, moist conditions the whole plant, roots and all, disintegrates entirely in about two months.

Do-Little Diplomacy

One point outstanding in the reports being made by congressmen returning from their world junkets is the criticism of the lack of any evidence of a firm stand by the Department of State against the British sterling area policy. Trouble is brewing for the department in getting Congress to approve any large loan to England unless it cracks this policy beforehand.

The situation facing the American oil industry with investments in the sterling areas is being mostly cited as to how the British policy works against our interests. The British are requiring that American companies needing equipment and supplies for their businesses in the sterling areas obtain these materials and supplies from U. K. sources. Often these materials are not available from sources within the United Kingdom. The only answer they get when this complaint is raised is that they will have to wait until they are available.

Trade Discrimination Penalties

Some new teeth have been put into Federal Trade Commission "cease and desist" orders recently by the eighth circuit court of appeals in a decision upholding the right of a person discriminated against in violation of the Robinson-Patman act to sue for triple damages. Considerable attention has been drawn to the decision here by the implications of its breadth.

Lawyers say that the decision is the most sweeping interpretation of the penalty clauses of the Robinson-Patman act ever given by a Federal court. If sustained by the supreme court, it is held that the anti-discrimination sections of the act will become self-enforcing. Some authorities believe it may force many manufacturering merchandisers to reexamine their allowance system and it could even restrict the number of outlets handling their products.

The case in question is No. 12,897, United States Circuit Court of Appeals, Eighth Circuit, Elizabeth Arden sales Corporation, vs. Gus Blass Company. It grew out of a routine cease and desist order of the commission having to do with demonstration services provided by the manufacturer to a selected few of its customers.

Bond-Buyers Are Selling

United States savings bonds are being redeemed almost as fast as they are being sold. In September, sales were $514,000,000, and redemptions

—*Continued on page 47*

Alcohol Control Likely Through 1946

OPD Washington Bureau

Control over the distribution of molasses is to be continued by the government, probably until the first quarter of 1947, it is now indicated in government quarters, in order to assure an equitable distribution of the product for industrial uses and to prevent too great a quantity being diverted to animal feeds and to production of sugar.

Tied in with the program is a plan for the orderly liquidation of the government-owned stockpile of alcohol which was built up during the war, chiefly for synthetic rubber production. It provides in effect that producers of alcohol from molasses must obtained at least forty percent of their requirements of alcohol from the government stockpile.

At the present time there are approximately 80,000,000 gallons of alcohol in the stockpile and WPB officials are confident that this, together with the limited production of alcohol from molasses that will be available, will be suffcient to meet industrial requirements for alcohol until the new sugar-molasses crop comes in in 1947.

Much depends, however, upon the rate of consumption of alcohol by industry during the months ahead. In some quarters it is feared that the stockpile may disappear more rapidly than anticipated, in which event the country may run into a shortage of alcohol before new molasses supplies are available. It could not be expected that the war-born grain alcohol plants could fill in the gap without some kind of a subsidy arrangement that would lower the cost of the grain to the producers.

No new additions are being made to the government's alcohol stockpile now. Defense supplies corporation cancelled all its purchase contracts for grain alcohol on September 30 and from now on the stockpile will begin declining rapidly as the molasses-alcohol producers draw on the supply to meet their requirements.

Control over distribution of molasses is to be retained because officials at this time see little prospect of the supply situation showing any material improvement within the next year in view of the short Cuban sugar crop. Without these controls, it is felt, there would be such a scramble for available supplies as to completely upset the distribution picture.

Silver Purchase Act Amendment Proposed

OPD Washington Bureau

Legislation, amending the silver purchase act of 1934 to provide for repeal of sections 6, 7, and 8 of the act and to require the payment of the full monetary price of silver to the American miner, was introduced in the senate October 15 by Senator Pat McCarran of Nevada. The bill (S. 1486) was referred to the committee oi finance.

Section 6 of the silver purchase act authorizes the Secretary of the Treasury to investigate, regulate, or prohibit the acquisition, importation, exportation, or transportation of silver. Section 7 authorizes the President to nationalize silver. Section 8 imposes a tax of 50 percent on all profits arising from private transactions in silver.

Silver was nationalized August 9, 1934, and thus section 7 is no longer necessary, Senator McCarren said. The 50 percent tax on profits, he added, has produced only $3,300,000 in eleven years, $3,000,000 of which was collected in the first six years of the tax, and proceeds now amount to less than the cost of administration. Section 6, he stated, no longer serves any useful purpose.

Garrison Appointed NWLB Chairman

Lloyd K. Garrison, appointed chairman of the National War Labor Board by the President, accepted oath of office administered by Associate Justice Felix Frankfurter of the United States Supreme Court, October 16. Mr. Garrison, vice-chairman of the board since last March, succeeds Chairman George W. Taylor, who has resigned.

2-2-4
2-Methyl-2,4—Pentanediol
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MILD HUMECTANT

Industrial Application Of Chemicals

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Para-para'-di-(4-hydroxy-1-phenylpyrazole-3-carboxylamido) diphenylmethane

Photographic — Grey-color former (Brit. 542149) in photographic emulsions (used in conjunction with organic developing agents, gives grey images suitable for fine-grain black-and-white pictures).

Sorbitol

(Additional uses—supplementary to information in the books, Uses and Applications of Chemicals and Related Materials)

Abrasive—Flexibilizer, humectant, and plasticizer in various compositions.

Beverage — Antifreeze, sweetener, and humectant.

Chemical—Hexahydric alcohol offering the following conditioning properties:—Clarity; compatibility with textiles, leather, glues, dextrine, wood, paper; conditioning efficiency at high humidities; high refractive index; high specific gravity; high viscosity; hygroscopicity (narrow humectant range); low freezing-point; low organic solubility; permanent fluidity; permanence (zero volatility).

Hexahydric alcohol offering the following chemical properties:—Absence of acrolein on thermal decomposition; neutral reaction; polyhydroxylic character; stability to light and air; virtual absence of reactive; unstable reducing substances.

Hexahydric alcohol offering the following physiological properties:—Assimilability; bland, sweetish taste and odor; moderate osmotic pressure; no irritation of mucous membranes of mouth; nonirritant softening action on the skin.

Starting point in making sorbitol glyceryllaurate (an emulsifying agent), sorbitol hexa-acetate (a stiffening modifier), sorbitol hexachloroacetate (a cellulose ester and ether plasticizer), sorbitol laurate (an emulsifying agent), sorbitol oleate (an emulsifying agent).

Cosmetic — Conditioner, hemectant, and sweetener in dentifrices.

Food—Conditioner, hemectant, and sweetener in diabetic foods, food compositions, gelatin products.

Miscellaneous—Conditioner, hemectant, and plasticizer in decorative and protective coatings.

Conditioner and hemectant in cleaning compounds, emulsions for various purposes.

Pest Control—Conditioner, hemectant, and sweetener in exterminant pest (control) pastes.

Dr. Frary Elected To Get Perkin Medal

Dr. Francis C. Frary, director of research of Aluminum Company of America, has been elected to receive the Perkin Medal in recognition of his outstanding accomplishments in the field of industrial research, according to Cyril S. Kimball, secretary of the American Section of the Society of Chemical Industry. The presentation of the medal will take place at a dinner meeting of the society at the Hotel Commodore on January 11.

Dr. Frary was born in Minneapolis in 1884. He received his preliminary education in Minneapolis and was graduated from the University of Minnesota in 1905 with a B.S. degree in analytical chemistry. He received his M.S. the following year. After a year of study at the University of Berlin, he returned to join the teaching staff of the University of Minnesota, where he continued his research work leading to a doctor's degree which was conferred upon him in 1912.

Dr. Frary joined the staff of Oldbury Electrochemical Company in 1915 as research chemist. It was here that he developed the technique of producing phosgene, which led to his selection during World War I, along with Prof. D. T. Demorst, to build and operate a phosgene plant at Edgewood Arsenal. At the close of the war, Dr. Frary was a major in the Chemical Warfare Service.

Elected Chairman

Robert E. Waterman, vice-president of Schering Corporation, Bloomfield, N. J., has been elected chairman of the North Jersey Section of the American Chemical Society. He succeeds Horace E. Riley of the Bakelite Corporation, Bloomfield.

Fertilizer Needs Abroad Told by UNRRA

OPD Washington Bureau

Reporting on a personal tour of the liberated areas of Europe last August, E. R. Henson, director of the Agricultural Rehabilitation Division of the United Nations Relief and Rehabilitation Administration, said October 11 that fertilizers constitute one of the major needs of these areas.

Expressed in terms of standard fertilizers, the combined needs of Poland, Czechoslovakia, Yugoslavia, and Greece are 407,000 tons of nitrate of soda; 272,000 tons of raw rock phosphate; 423,000 tons of superphosphate and 111,200 tons of potash, he stated.

For several years, he said, these lands have had no commercial fertilizer and therefore the needs are great. Unless the fertilizer is made available yields of crops will be necessitating an increase in the amount of food that will have to be shipped in.

Mr. Benson said that UNRRA is seeking materials to supply about 40 percent of the tonnage requested. In addition, every effort will be made to stimulate indigenous production. If coal and raw materials can be had, requirements for outside fertilizer can be reduced, he added.

Chemical Market Research Group Meet

The general economic situation and its influence upon the chemical industry supplied the theme for discussion at a meeting of the Chemical Market Research Association held in the Hotel Biltmore, New York, Oct. 18. J. G. Park, of the Standard Alcohol Company, president of the Association, presided. More than one hundred members and guests were in attendance. Wheeler McMillen, president of the National Farm Chemurgic Council, addressed the meeting on "A Long View of Agriculture." Mr. McMillen, in part, said:—

All America is going to be busy these next few years. An enormous demand, pent up through the war, will keep factories smoking. All America clamors for goods, and will clamor for agriculture's food and fiber. The immediate, short-haul prospect, therefore, is excellent.

Taking all the factors into account, I

—Continued on page 47

N.Y. Paint Club Testimonial Luncheon Set

The New York Paint, Varnish and Lacquer Association will give a testimonial luncheon to members of the industry who served on the numerous government committees during the war effort, in the Hotel Pennsylvania, New York, October 29, at 12:30 p.m. A guest speaker at the meeting will be J. D. Small, recently named administrator of the Civilian Production Administration, who will arrive in New York October 29 accompanied by Wells Martin, in charge of protective coatings section of the War Production Board.

Piedmont Textile Chemists Colorists Discuss Dyeing

Charlotte, N. C., Oct. 13, 1945

Terminating a war-enforced recess of many months, the Piedmont section of the American Association of Textile Chemists and Colorists resumed its technical and businss conclaves with a meeting in the Hotel Charlotte, here, today. Although restricted to members, the meeting was attended by more than 300 persons, which set a new high record.

Informal group discussions took up the forenoon. There were two technical symposiums in the afternoon. The business session, under the chairmanship of Sydney M. Cone, of Proximity Print Works, Greensboro, followed a banquet (tenderloine steaks and professional and volunteer singing) this evening.

The membership of the section was increased in all classes during the year to a total of 369 seniors, seven juniors, thirty-seven associates, and thirty-seven corporate members. Chairman Cone expressed the opinion that subscriptions of corporate members doing a national business should not be allotted wholly to the section in which the corporation has its headquarters.

Preparation of an intersectional paper to be presented at the national meeting in January was reported to be in the hands of John Bell, of the Cleveland Cloth Mills, Shelby, N. C. A brief report on conditions in Germany was given by Mr. Cone. Synthetic fibers are the biggest item. Tom Smith and Norris Rabold, who are in Germany on a textile delegation, sent radio greetings to the meeting.

The technically informative services for the industry performed by salesmen and technical representatives of supply houses and their assistance in the interchange of data were praised by Chairman Cone. He also spoke in commendation of the spirit and practice of exchanging technical information which have grown up in the industry. The war-production record of the textile industry, Mr. Cone said, was magnificent. Its transition to civilian production has proceeded smoothly and rapidly. In no small part, he continued, this was facilitated by the excellence of the service given by suppliers of dyes, finishing agents, and other chemical materials.

War transportation restrictions limited the section to but one earlier meeting in the year, and that gathering had to be limited to an attendance of twenty-five. Because of the large size of the section it is likely that all future meetings will be limited to members.

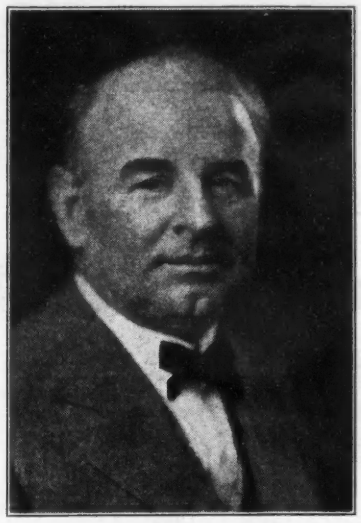
Careful consideration was urged by Chairman Cone for the growing manifestation of public and official (chiefly Federal Trade Commission) demand for better informative designations and descriptions of textiles in labeling and promoting.

One of the technical symposiums was devoted to piece goods dyeing. It

—Continued on page 38

Reilly Gives $1,000,000 To Notre Dame Univ.

An endowment of $1,000,000 has been made to the University of Notre Dame by Peter C. Reilly, president of the Reilly Tar & Chemical Corporation, Indianapolis. The endowment will be known as the P. C. Reilly Science Fund. It was specified that income from the endowment be used only in the field of chemistry and chemical engineering in the following manner:—



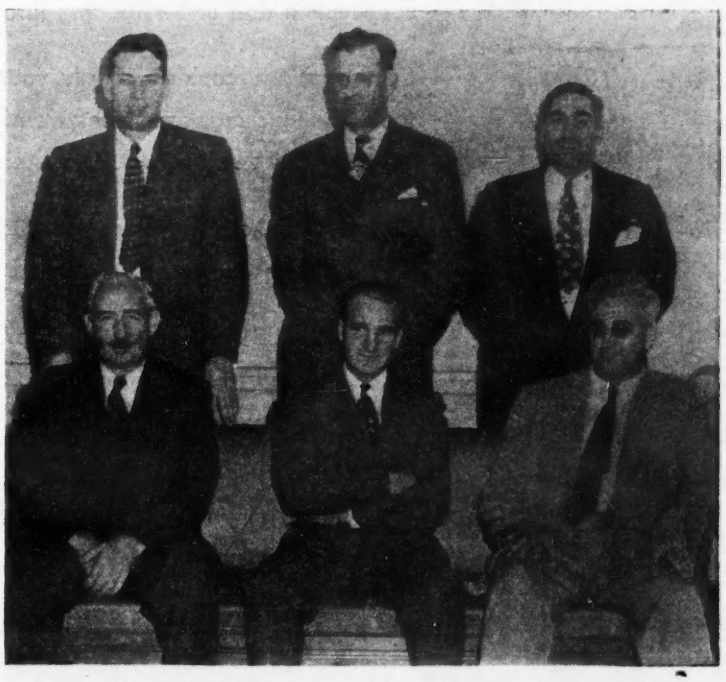
Peter C. Reilly

One annual fellowship of $1,000 to the outstanding lay member of the graduating class in the chemistry or chemical engineering departments at the university.

Four annual graduate non-teaching fellowships in chemistry or chemical engineering of $1,000 each for graduates of chemistry or chemical engineering from Notre Dame or other schools.

An annual honorarium of $5,000 to an outstanding chemist or chemical engineer for a one-semester series of lectures at the university.

Piedmond Textile C.&C. Officers



Standing—Leland G. Atkins, new chairman; Henry B. Dixon, retiring councilor; Roy L. Beauregard, new treasurer. Seated—John B. Neeley, secretary; Sydney M. Cone, retiring chairman and new councilor; Wyss L. Barker, new vice-chairman.

When Do We Celebrate ★PA Day!

REMEMBER the PA . . . the *Purchasing Agent? His day is coming back. The honeymoon of the seller's market will be over soon.

How soon? In the case of Essential Oils, as soon as short supplies of those oils originating in the overseas producing areas return to near-normal.

When that day comes (*and the sooner the better*) the PA will be right back in the saddle again, demanding quality as well as quantity, demanding full value, demanding service with a capital S for swift.

Thanks to America's PA's from MM&R

MM&R takes this opportunity to thank the purchasing agents of America for their splendid cooperation and understanding through four trying years.

Sometimes we couldn't supply your needs fully, sometimes the "superior MM&R service" took a shellacking, sometimes we had to tell our PA friends, "Sorry, we haven't an ounce of Lavender Oil . . . Lemon Oil, or Anise."

But most of the time, if the real McCoy wasn't available, there was a solution—an excellent MM&R Replacement Oil, or a suggestion that helped a harried PA out of a dilemma.

It's been tough sledding for you and for us. We'll be glad when once again, we can sell to PA's who buy on the basis of quality . . . for that's the way we've made our way these past fifty years.

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Current Market Quotations Chemicals and Related Materials

October 19, 1945

Unless otherwise indicated, quotations are first-hands on large lots, f.o.b. New York. Price changes and trends are noted in the market reports, with other informative comment. The locations of these reports are given in the table of contents on page 4.

All matters under this heading fully protected by copyright.

A

Acacia (see Gum, Arabic).

Acetaldehyde, 99%, dms., 55 gals., works..lb. .11 - —
5 and 10 gals., works....lb. .14 - —

Acetaldol (see Aldol).

Acetamide, CP, fib. dms., 5,000 lbs. a year, works..lb. .36 - —
smaller lots, works.....lb. .38 - .70
tech., fib. dms., 5,000 lbs. a year, works..lb. .28 - —
smaller lots, works.....lb. .30 - .50

Acetanilids, tech., cryst., bbls.lb. .29 - .31
powd., bbls.....lb. .27 - .29
USP, cryst., bbls.....lb. .36 - .37
kgs. .....lb. .37 - .39
powd., bbls.....lb. .34 - .35
kgs. .....lb. .35 - .37

Acetic anhydride, dms., c.l., frt. alld..lb. .11½- —
l.c.l., frt. alld.....lb. .13 - —

Acetoacetanilide, bbls., dms...lb. .49 - .67

Acetone, CP,[1] dms., c.l., dlvd.lb. .07 - .06
l.c.l., dlvd.....lb. .07½- .08½
tanks, dlvd.....lb. .06 - .07

Methyl (see M).

Acetonitrile, dms., c.l., works..lb. .60 - —
l.c.l., works.....lb. .75 - —
5-gal. lots, works.....lb. .80 - —
less than 5-gal. lots, works, lb. .90 - —

Acetophenetidin, USP, bbls., kgs., 1,000-lb. lots..lb. 1.00 - —
dms. .....lb. 1.08 - 1.10
Acetophenone, cns., dms.....lb. 1.50 - 1.70
Acetyl chloride, cbys., works..lb. .60 - —
Acid, abietic, dms., c.l., wks..lb. .07½- —
Acetic,[1] com'l or redist., 28%, bbls..100 lbs. 3.38 - 3.63
50%, bbls.....100 lbs. 5.38 - 5.83
70%, bbls.....100 lbs. 6.98 - 6.98
80%, bbls.....100 lbs. 7.47 - 7.72
99.5%, bbls.....100 lbs. 9.15 - 9.40
glacial, nat., c.p., dms., works, 100 lbs.12.50 -13.25
99.5%, bbls.....100 lbs. 9.15 - 9.40
tanks .....100 lbs. 6.93 - 7.25
synth., tech., bbls., works, 100 lbs. 9.15 - 9.40
dms., works.....100 lbs. 9.25 - 9.75
tanks, works.....100 lbs. 6.93 - 7.25
USP, dms., works..100 lbs.10.50 -11.00
pure, 30%, bbls.....100 lbs. 4.41 - 4.69
36%, bbls.....100 lbs. 4.86 - 5.11
60%, bbls.....100 lbs. 7.60 - 7.85
80%, bbls.....100 lbs. 9.26 - 9.51
USP, 36%, cbys.....lb. .08 - .10

Acetic acid price ranges above are for c.l. and l.c.l. quantities. Carboys and cases are 50c. per 100 lbs. higher.

Acetic anhydride (see Acetic anhydride).

Acetylsalicylic,[1] special, USP, bbls., makers, primary distrib., point of shipm't, 100-lb.-lots.. .45 - —
smaller lots, same basis.. lb. .46 - .59

standard USP, fine cryst., gran. (20-40 mesh), powd. (50 mesh), 200-lb. bbls., same basis..lb. .40 - —
smaller lots, same basis.lb. .40 - .54

Freight equal'd, shipment identical quantity over standard routes, from N. Y. City, Phila., Midland, Mich., Chicago and St. Louis.

Adipic, fib. dms., works.....lb. .26½- —
Aminoacetic, USP (see Glycine).
Anthranilic, resub., bbls.....lb. 1.20 - 1.25
tech., bbls.....lb. .95 - —
Arsenous,[6] tech. (see Arsenic, White).
USP, powd., dms., kgs.....lb. .20 - .22
Ascorbic,[1] USP, dms., 500-kilo lots..kilo.24.50 - —
25-50-kilo lots.....kilo.25.00 - —
10-kilo lots.....kilo.25.35 - —
5-kilo lots.....kilo.25.70 - —
bots., kilo lots.....kilo.26.41 - —
500 grams.....kilo.27.47 - —
Battery, cbys., c.l., E. works... 100 lbs. 1.60 - —
l.c.l., E. works.....100 lbs. 1.95 - 2.55
Benzoic, tech., bbls., 4,000 lbs. or more..lb. .43 - —
1,000 to 3,900 lbs.....lb. .44 - —
900 lbs. or less.....lb. .47 - —
USP, bbls., 4,000 lbs. up....lb. .54 - —
1,000 to 3,900 lbs. up....lb. .55 - —
900 lbs. or less.....lb. .58 - .59
dms., 4,000 lbs. up.....lb. .55 - .56
1,000 to 3,000 lbs.....lb. .56 - .57
900 lbs. or less.....lb. .58 - .59
Betaoxynaphthoic, bbls., works. lb. .95 - —
Boric,[2] tech., 99.5% cryst. (same as prices for powder), gran., bgs., c.l., frt. alld.. ton.99.00 - —
ton lots, ex whse..ton.111.00- —
less than ton lots, ex whse..ton.116.00 - —
bbls., c.l., frt. alld..ton.109.00 - —
ton lots, ex whse..ton.121.00 - —
less than ton lots, ex whse..ton.126.00 - —
bulk, frt. alld.....ton. 95.50 - —
powd., bgs., c.l., frt. alld.. ton.104.00 - —
ton lots, ex whse..ton.116.00 - —
less than ton lots, ex whse..ton.121.00 - —
bbls., c.l., frt. alld..ton.114.00 - —
ton lots, ex whse..ton.126.00 - —
less than ton lots, ex whse..ton.131.00 - —
USP $25 per ton higher.
Butyric, 99%, dms., c.l., works, lb. .29 - —
l.c.l., same basis.....lb. .30 - —
Broeners, bbls.....lb. 1.11 - —
Cacodylic, bots.....lb.13.50 -15.50
Camphoric,[6] cns.....lb. 6.95 - 7.00
Caprylic, 90%, dms.....lb. No stocks
Capric, tech., ret. dms.....lb. No stocks
Castor oil,[1] split, ret. dms..lb. Nominal
Chlorosulphonic, dms., c.l., wks., lb. .03 - —
l.c.l., works.....lb. .03½- .04½
tanks, works.....lb. .02½- —
Chromic,[6] 99½-99¾%, dms., c.l., lb. .17 - —
l.c.l. .....lb. .17½- .19
Cinnamic, refd., bots.....lb. 1.05 - —
Citric, anhyd., gran., dms., c.l..lb. .22½- —
l.c.l., 10,000 lbs. 1 ship't, lb. .23 - —
smaller lots.....lb. .23½- .26½
kgs. .....lb. .24 - —
USP, cryst., gran., bbls., c.l., lb. .20 - —
l.c.l., 10,000 lbs. 1 ship't, lb. .20½- —
smaller lots, bbls....lb. .21 - —
dms. .....lb. .23 - .24
kgs. .....lb. .21½- —
powdered citric acid, ½c. higher.
Cleve's, bbls.....lb. .65 - —
Coconut oil,[1] dist., dms.....lb. .17½- .19½
Corn oil, s.l.,[1] dms., c.l., wks. lb. .12 - —
Cottonseed oil,[1] s.d., ret. dms., c.l..lb. .12 - .13
tanks, dlvd.....lb. .11¼- .12¼
Cresylic,[3,6] dom. coaltar, high-boil 50% (210°-215°), low boil 50% (204°-206°), and special blends, dms., c.l., works, frt. equald..gal. .81 - —
l.c.l., same basis....gal. .83 - —
tanks .....gal. .75 - —
Petroleum, heavy grade (247°-298°), dms., 20, Cal. ref..gal. .490 - —
Sewaren, N. J., ref.. gal. .616 - —
1-19, Cal. ref.....gal. .510 - —
Sewaren, N. J., ref.. gal. .636 - —
tanks, dlvd.....gal. .586 - —
light grade (200°-246°), tanks, Cal. ref..gal. .690 - —
medium grade (220°-246°), dms., 20, Cal. ref..gal. .50 - —
Sewaren, N. J., ref.. gal. .636 - —
1-19, Cal. ref.....gal. .570 - —
Sewaren, N. J., ref.. gal. .696 - —
tanks, dlvd.....gal. .646 - —
Crotonic, bbls., Canadian, wks., lb. .25 - —
Dichlorophenyoxyacetic, cns., dms., works..lb. No stocks
Diethylbarbituric (see Barbital).
F (see Acid, Monosulphonic).
Formic, 85%, cbys., c.l., wks.lb. .10 - —
l.c.l., works.....lb. .10½- .11
90%, cbys., c.l., works.....lb. .10½- —
l.c.l. .....lb. .11 - .11⅛
Fumaric, tech., bbls., dms...lb. .27 - .31
Gallic, NF V, bbls.....lb. 1.27 - 1.30
fib. dms.....lb. 1.32 - —
technical, bbls.....lb. 1.10 - 1.15
Gamma, bbls.....lb. .85 - —
Gluconic, tech., 50%, bbls....lb. .12 - —
dmjn. .....lb. .21 - .23
kgs. .....lb. .14 - .15
Glutamic hydrochloride, dms., lb. 2.00 - 2.40
Glycolic (see Acid, hydroxyacetic).
H, bbls.....lb. .45 - —
Hydriodic, 45-47%, cbys.....lb. 2.42 - 2.44
5-lb. bots.....lb. 2.57 - —
57%, bots.....lb. 2.90 - —
Hydrobromic, medicinal, 48%, cbys., dlvd. E..lb. .48 - —
tech., 48%, cbys., same basis, lb. .45 - —
34%, cbys.....lb. .35 - .37
Hydrochloric (see Acid, Muriatic).
Hydrocyanic, cyls., works...lb. .80 - 1.00
NF, dilute, 2%, 5-lb. bots..lb. .30 - .34
Hydrofluoric, anhyd., cyls., works..lb. .19 - .19½
tanks, works.....lb. .16 - —
30%, rubber dms., works...lb. .08 - .09
48%, rubber dms., works...lb. .12 - —
52%, rubber dms., works..lb. .12½- —
60%, rubber dms., works...lb. .13½- —
Hydrofluosilicic, 30-35%, bbls.lb. .08 - .09
Hydroxyacetic, 70% tech., bbls., non-return., Phila..lb. .084 - —
tanks, works, acid basis, lb. .08½- —
Hypophosphorous, USP, djns., lb. .75 - .77
Lactic, edible, 50% cbys., 20 or more..lb. .12½- —
smaller lots.....lb. .13 - .13½
80%, bbls., 5 or less.....lb. .24¼- .24¾
plastic grade, 50%, bbls., cbys., 20 or more..lb. .14½- —
10 or less.....lb. .14¾- .15¼
80%, bbls., cbys., 5 or less, lb. .26 - .26½
tech., dark, 22%, bbls., c.l., works..100 lbs. 2.90 - —
l.c.l., works.....100 lbs. 3.15 - —
cbys., works.....100 lbs. 4.15 - —
44%, bbls., c.l., works.... 100 lbs. 6.30 - —
l.c.l., bbls., works.... 100 lbs. 6.55 - —
cbys., works.....100 lbs. 7.55 - —
light, 22%, bbls., c.l., works, 100 lbs. 2.90 - —
l.c.l., works.....100 lbs. 4.15 - —
cbys., works.....100 lbs. 5.15 - —
44%, bbls., c.l., works.... 100 lbs. 7.30 - —
l.c.l., works.....100 lbs. 7.55 - —
cbys., works.....100 lbs. 8.55 - —
USP XII, 85%, cbys.....lb. .54 - .57
USP VIII, 75%, cbys.....lb. .52 - .55
Lauric,[3] dist., 95%, dms.....lb. .28 - —
Laurent's, bbls.....lb. .45 - —
Linseed oil,[1,7] light, dms...lb. .21½- .22
Maleic, powd., dms.....lb. .30 - —
Anhydride (see M).
Malic, powd., kgs.....lb. .47 - —
Mandelic, USP, dms., 1,000 lb. lots..lb. 2.05 - —
smaller lots.....lb. 2.10 - 2.20
Mixed, tanks, nitric unit ...lb. .05 - .06
sulphuric unit.....lb. .0085- .009
Molybdic, kgs., works.....lb. .95 - 1.10
Monochloracetic, tech., flakes, 98-97%, dms..lb. .16½- —
purified, flake, 99%, dms..lb. .20 - —
Monosulphonic, bbls.....lb. 1.50 - —
Muriatic, 18°, cbys., c.l., E. works..100 lbs. 1.50 - —
l.c.l., E. works....100 lbs. 1.75 - 2.45
tanks, works.....100 lbs. 1.05 - —
20°, cbys., c.l., E. works.... 100 lbs. 1.75 - —
tanks, E. works.....ton.22.00 - —
22°, cbys., c.l., E. works.... 100 lbs. 2.25 - —
tanks, E. works.....ton.32.00 - —
CP, USP, consumers, cbys. extra..lb. .08 - —
6-lb. bots., extra.....lb. .10 - —
dealers, cbys. extra.....lb. .09½- —
6-lb. bots., extra.....lb. .08½- —
Myristic,[3] dist., dms.....lb. No stocks
Naphthenic, 210-220 acidity, dms., extra, works..lb. .10¾- —
tanks, works.....lb. .09 - —
230-245 acidity, dms., extra, works..lb. .12¾- —
tanks, c.l., works.....lb. .12 - —
Nicotinic, USP, dms.....kilo. 7.00 - 7.80
Nicotinic amide (see Nicotinamide)
Nitric,[6] 36°, cbys., c.l., E. works..100 lbs. 5.00 - —
l.c.l., 25, E., works.100 lbs. 5.25 - —
10 to 24, works...100 lbs. 5.35 - —
2 to 9, works....100 lbs. 5.95 - —
38°, cbys., c.l., E. works.... 100 lbs. 5.50 - —
Western works...100 lbs. 5.75 - —
40°, cbys., c.l., E. works.... 100 lbs. 6.00 - —
42°, cbys., c.l., E. works.... 100 lbs. 6.50 - —
CP, USP, consumers, cbys. extra..lb. .13 - —
7-lb. bots., cs., extra, lb. .15 - —
dealers, cbys. extra.....lb. .11½- —
7-lb. bots., cs., extra..lb. .13½- —
Oleic (see Oil, red).
Oleum (see Acid, sulphuric, fuming).
Oxalic,[3] bbls., c.l., works....lb. .11¼- —
10,000 lbs.....lb. .11½- —
smaller lots.....lb. .12½- —
Palm oil,[3] white, dist., dms..lb. No stocks
tanks .....lb. No stocks
Para-aminobenzoic, cns.....lb. 1.40 - —
Paranitrobenzoic, cns.....lb. .72 - —
Paratoluidinmetasulphonic, bbls. works..lb. .80 - —
Peanut oil,[1] s.d., tanks, works, lb. .11¼- —
Phenylacetic, bots.....lb. 1.65 - 1.85
Phosphoric,[3] food grade, 50%, bbls., c.l., works, frt. equald..100 lbs. 4.00 - 4.25
cbys., c.l., works, frt. equald..100 lbs. 4.35 - 4.60
l.c.l., works, frt. alld., 100 lbs. 5.25 - 7.25
tankwagon, dlvd. N. Y., Phila. Met. area..100 lms. 4.00 - —
75%, bbls., c.l., works, frt. equald..100 lbs. 4.75 - 5.00
cbys., c.l., works, frt. equald..100 lbs. 5.10 - 5.35
l.c.l., frt. alld....100 lbs. 7.00 - 9.50
tanks, works, frt. equald., 100 lbs. 4.00 - 4.25
tankwagon, dlvd. N. Y., Phila. Met. area..100 lbs. 4.75 - —
USP, 100-lb. cbys., c.l.....lb. .10½- —
10 cbys. to c.l.....lb. .11½- —
2 to 9 cbys.....lb. .12 - —
single cbys.....lb. .13 - —
70-lb. cbys.....lb. .10½- —
25 cbys. to c.l.....lb. .11½- —
5 to 24 cbys.....lb. .12 - —
1 to 4 cbys.....lb. .13 - —
dilut., 10%, cbys., djns...lb. .07 - .07½
Picramic, kgs.....lb. .65 - .70
Picric, bbls.....lb. .35 - —
Propionic,[1] synth., pure, dms., works..lb. .19½- —
tanks, works.....lb. .18½- —
Pyrogallic, tech., bbls.....lb. 1.45 - 2.03
USP, cryst., dms.....lb. 2.10 - 2.15
resub., dms.....lb. 2.60 - 2.65
Pyroligneous, bbls., dlvd. E... gal. .30 - —
Ricinoleic, com'l split (see Acid, castor oil, split).
Salicylic,[1] tech., bbls., c.l....lb. .26 - —
100 lbs. to c.l.....lb. .33 - —
smaller lots.....lb. .34 - .42
USP, bbls., c.l.....lb. .28 - —
100 lbs. to c.l.....lb. .35 - —
smaller lots.....lb. .36 - .44
Sebacic, tech., dms., works..lb. .55 - .57
Soybean oil,[1] s.d., dms., works. lb. .11¾- .16½
tanks, works.....lb. .11 - .15¾
Stearic,[1] double pressed, bgs., c.l., dlvd. E. Rockies..lb. .15¾- —
W. of Rockies.....lb. .16¾- —
Texas and Okla., dlvd., lb. .16¾- —
single pressed, bgs., c.l., dlvd. E. of Rockies..lb. .15¾- —
W. of Rockies.....lb. .19¾- —
Texas and Okla., dlvd., lb. .15¾- —
triple pressed, bgs., c.l., dlvd. E. of Rockies..lb. .18¾- —
W of Rockies.....lb. .19¾- —
Texas and Okla., dlvd., lb. .19¼- —

Stearic acid l.c.l. prices are:—Ton lots, ½c. per lb. higher; less than ton lots, 1c. higher.

Succinic, bbls.....lb. .75 - —
Sulphanilic, CP, bots., wks..lb. 1.60 - 1.63
tech., dms., works.....lb. .17 - —
Sulphuric, 60°, cbys., c.l., E. works..100 lbs. 1.25 - —
l.c.l. .....lb. 1.50 - 2.20
tanks, E. works.....ton.13.00 - —
66°, cbys., c.l., E. works.... 100 lbs. 1.50 - —
tanks, E. works.....ton.16.50 - —
98°, tanks, works.....ton.17.50 - —
CP, USP, consumers, cbys. extra..lb. .08 - —
9-lb. bots., cs. extra..lb. .10 - —
dealers, cbys. extra.....lb. .06½- —
9-lb. bots., cs. extra..lb. .08½- —
fuming, 20%, tanks, E. works, ton.19.50 - —
Tannic, tech., bbls., dms.lo. .71 - .72
USP, fluffy, bbls., 1,000 lbs.. lb. 1.33 - —
smaller lots.....lb. 1.35 - 1.38
powd., bbls., 1,000 lbs..lb. 1.13 - —
smaller lots.....lb. 1.15 - —
Tartaric,[7] USP, cryst., gran., powd., bbls., 20,000 lbs., 1 ship't..lb. .70½- —
smaller lots.....lb. .71 - —
kgs. .....lb. .71½- —
Thioglycolic, highly purified, bbls., cbys., basis 100%..lb. 5.50 - 7.00
Tobias, bbls.....lb. .55 - .60
Trichloroacetic, bots.....lb. 2.00 - 2.50
Tungstic,[6] CP, 100-lb. pkgs..lb. 2.94 - 3.10
pure, 100-lb. kgs..... ....lb. 2.86 - —
Aconite leaves, bls... .....lb. 1.10 - 1.40
Root, bls.....lb. 1.15 - —
Aconitine, amorph., bots.....oz.23.00 -28.00
15-gr. vials.....vial. 1.00 - —
cryst., bots.....oz.42.00 -48.00
15-gr. vials.....vial. 1.60 - —
Acrylonitrile, dms., c.l., frt. alld. lb. .39½- —
l.c.l., works.....lb. .40 - .41
tanks, frt. alld.....lb. .39 - —
Adeps lanae,[1] USP, anhyd., cosmetic, dms., works..lb. .33 - .34
pharmaceutical, dms., works..lb. .32 - .33
Agar .....lb. 3.50 - —
San Diego, Cal.....lb. 3.00 - —
Agaric, white, bls.....lb. 3.75 - 4.00
Albumen, blood, dark (see Blood, soluble).
light, dms., Chicago.....lb. .65 - .70
egg, edible,[1,7] powd., bbls...lb. 2.03 - 2.11
granular, cryst., bbls....lb. 1.98 - 2.06
tech., cryst., bbls.....lb. 1.40 - 1.55
Alcohol, allyl, dms., c.l., dlvd.lb. .21 - —
l.c.l., dlvd.....lb. .21½- —
tankcars, dlvd. .....lb. .20 - —
Amyl ex pentane, dms., c.l., frt. alld. E. of Miss. R. lb. .141 - —
l.c.l., frt. alld.....lb. .151 - —
tanks, frt. alld.....lb. .131 - —
(see also Fusel oil, ref.).
Benzyl, cns.....lb. .65 - .75
dms. .....lb. .65 - —
Butyl, normal,[1] ferment, Ill., Ind. prod., dms., c.l., frt. alld..lb. .1930- —
l.c.l., frt.alld. E....lb. .2030- —
tanks, frt. alld. E....lb. .1880- —
tankwagons, frt. alld.lb. .1930- —
other production, dms, c.l., frt. alld. E..lb. .1950- —
l.c.l., frt. alld. E...lb. .2000- —
tanks, frt. alld. E....lb. .1850- —
synthetic, dms., c.l., frt. alld. E..lb. .11¾- —
l.c.l., frt. alld. E....lb. .12¼- —
tanks, frt. alld. E.....lb. .10¾- —

Normal butyl alcohol prices in West, ½c. per lb. higher.

secondary, dms., c.l., dlvd.lb. .095 - —
l.c.l., dlvd.....lb. .10 - —
tanks, dlvd.....lb. .08½- —
tertiary, denat., dms., c.l..lb. .122 - —
l.c.l., dms.....lb. .13 - —
tanks .....lb. .11 - —
Capryl, dms., c.l., works...lb. .17½- —
l.c.l., works.....lb. .18½- —
tanks, works.....lb. .16 - —
Cetyl, dom., CP, fiber etns., 1,000 lbs..lb. 1.75 - 1.80
smaller lots.....lb. 1.90 - 2.00
Cinnamic, bots.....lb. 3.00 - 3.55
Denatured,[1] CD14, dms., c.l., works, E..gal. .59 - —
l.c.l., works, E.....gal. .61 - .63
tanks, E., dlvd.....gal. .52 - —

tankcar sales require written authorization by Alcohol Tax Unit.

SD1, 190 pf., dms., c.l., E. works..gal. .59 - —
l.c.l., works, E.....lb. .61 - .63
tanks, E. Works.....gal. .52 - —
Anhydrous 3c. per gal. higher.
SD2B, dms., c.l., wks., E.gal. .57 - —
l.c.l., works, E.....gal. .60 - .62
tanks, E. works.....gal. .50 - —
SD23G (replaced by SD28H)
SD23H, dms., c.l.....gal. .58½- —
l.c.l., works, E.....gal. .60½- .63½
tanks, E. works.....gal. .51½- —
SD29, denatured, with acetaldehyde, dms., c.l., E. works. gal. .58½- —
l.c.l., works, E.....gal. .62 - .65
tanks, E. works.....gal. .51½- —

When any of the several SD29 denaturants is supplied by the purchaser, the prices are the same as those for SD27 plus 1½c. per gal. denaturing charge.

Special solvent, dms., c.l., works, E..gal. .60 - —
l.c.l., works, E.....gal. .62 - .65
tanks, E. works.....gal. .53 - —

Tankcar sales require written authorization by Alcohol Tax Unit.

Diacetone, acetone-free, dms., c.l., dlvd..lb. .11½- .14⅜
l.c.l., dlvd.....lb. .12 - .15
tanks, dlvd.....lb. .10½- .13½
tech., dms., c.l., dlvd.....lb. .11 - .13¾
l.c.l., dlvd.....lb. .11½- .14
tanks, dlvd.....lb. .10 - .12½

Controls on Materials

Applications of WPB, OPA and WFA regulations to materials listed in this section are indicated by superior figures as follows:—

[1]—Specific price ceiling

[2]—Price agreement (sellers with OPA)

[3]—General Limitation Order (L order)

[4]—General Preference Order (M order)

[5]—Conservation Order (M order)

[6]—Allocation

[7]—War Food Order

Alcohol, ethyl, 190 pf., dms., c.l., works..gal 17.67 - —
l.c.l., works.....gal.17.70½-17.73½
tanks .....gal.17.60 - —
absolute, dms., c.l., works.gal.18.62 - —
l.c.l., works.....gal.18.65½-18.68½
tanks .....gal.18.56 - —
Methylhexyl, dms., c.l., works.lb. .24 - —
l.c.l., works.....lb. .25 - —
tanks, works.....lb. .23 - —
Furfuryl, tech., cns., works.lb. .35 - —
dms., c.l., works.....lb. .22½- —
l.c.l., works.....lb. .25 - —
tanks, works.....lb. .20 - —
Isoamyl (see Carbinol, isobutyl).
Isobutyl,[6] refd., dms., works.lb. .0800- —
tanks, works.....lb. .0760- —
Isopropyl,[3] refd., 91% dms., incl., c.l., divd..gal. .38 - —
l.c.l., divd.....gal. .41 - —
tanks, divd.....gal. .31½- —
99% dms., incl., c.l., divd..gal. .41½- —
l.c.l., divd.....gal. .44½- —
tanks, divd.....gal. .30 - —
Methyl (see Methanol).
Octyl (see Alcohol, ethylhexyl).
Phenylethyl, dms.....lb. 2.30 - —
Polyvinyl, type A, fiber-pack, Niagara Falls..lb. .68 - .70
type B, fiber-pack, same basis, lb. .60 - .68
Propyl, dms., works.....gal. .67 - .70
Tetrahydrofurfuryl, cns., Cedar Rapids, Ia..lb. .35 - —
cns., c.l., Waverly, N. Y..lb. .40 - —
c.l., same basis.....lb. .50 - —
Alkidol,[6] dms., works.....lb. .13 - .15
denaturing grade, dms.....gal. 1.20 - —
Aletris root, bgs.....lb. 2.75 - 3.00
Algarobilla,[1] c.l., ex dock.....long-ton.67.50 - —
Algarobilla price based on ocean frt. at $12, insurance $1 per long ton.
Alizin, bbls., fib. dms.....lb. .75 - 1.00
Alizarin (see Red, alizarin).
Alkanet root, bgs.....lb. No stocks
Allspice,[1] Mexican, bgs.....lb. .16½- .17
Allyl bromide, cbys., 5,000 lbs., works..lb. .99 - —
smaller lots, works.....lb. 1.05 - 1.10
chloride, dms., c.l., divd....lb. .13½- —
l.c.l., divd.....lb. .14 - —
tanks, divd.....lb. .12½- —
Aloe, Cape, cs.....lb. No stocks
Curacao, kgs.....lb. .45 - .50
Socotrine, kgs.....lb. .38½- .40
Aloin, bbls., dms., kgs.....lb. 4.80 - 4.89
Alphanaphthol, bbls.....lb. .52 - —
Alphanaphthylamine, bbls.....lb. .32 - —
Alphapicoline, ref. dms., works, frt. equsld..lb. .23½- .23⅞
Alphapinene, dms., c.l., wks.gal. .86½- —
l.c.l., works.....gal. .88½- —
tanks, works.....gal. .83½- —
Alphaterpineol, dms., c.l., works, lb. .1340- —
l.c.l., works.....lb. .1360- —
tanks, works.....lb. .1200- —
Alphatocopherol, amp.....gram. 1.00 - 1.10
Althea root, NF, peeled, bls...lb. .55 - .60
Alum, ammonia, burnt, USP, bbls., kgs....lb. .16 - .18
gran., bbls., works....100 lbs. 4.00 - —
dlvd., N. Y., Phil..100 lbs. 4.00 - —
lump, bbls., works....100 lbs. 4.25 - —
dlvd., N. Y., Phil..100 lbs. 4.25 - —
powd., bbls., works....100 lbs. 4.40 - —
dlvd., N. Y., Phil..100 lbs. 4.40 - —
Potash, gran., bbls., wks., 100 lbs. 4.25 - —
dlvd., N. Y., Phil..100 lbs. 4.25 - —
lump, bbls., works....100 lbs. 4.50 - —
dlvd., N. Y., Phil..100 lbs. 4.50 - —
powd., bbls., works....100 lbs. 4.65 - —
dlvd., N. Y., Phil..100 lbs. 4.65 - —
Potash-chrome, bbls.....lb. .12½- .15
Soda, bbls., c.l., works..100 lbs. 3.25 - —
l.c.l., dlvd.....100 lbs. 4.25 - 5.00
Alumina classified, grade, ground, kgs., works..lb. .35 - .37
top grade, ground, kgs., works, lb. .30 - .37
unclassified, ground, kgs., works..lb. .10½- .46
Acetate, basic, solu., 24%, bbls., dlvd..lb. .10½- .11
20%, bbls., dlvd.....lb. .09½- .10
Chloride, anhyd., com'l, dms., c.l., works..lb. .08 - .11
l.c.l., works.....lb. .09 - .12
cryst., com'l, dms., c.l., works, lb. .06 - —
l.c.l., works.....lb. .06½- .06¾
solut., 32 deg., cryst., c.l., works..lb. .02¾- —
l.c.l., works.....lb. .03¼- —
Fluoride, tech., bbls.....lb .25 - —
Formate, solut., 12-20° Be, bbls., c.l., works..lb. .09½- —
l.c.l., works.....lb .10 - —
Hydrate,[6] heavy, bgs., c.l., works..lb. .024 - .031
l.c.l., works.....lb. .035 - .040
light, bgs., divd.....lb. .14½- —
bbls., divd.....lb. .15 - —
Hydroxide, gel, tech., min. 10% Al (OH)₃, dms., 10,000 lbs. or more, f.o.b. ship't point, lb. .08 - .08¼
ton lots, same basis..lb. .08¼- .08½
smaller lots, same basis, lb. .08¾- .09
conc., 9-9½% Al_2O_3, fib. dms., works..lb. .17¾- —
contract, works..lb. .16¾- —
14-15% Al_2O_3, fib. dms., works..lb. .20¾- —
contract, works..lb. .19¾- —
dried, USP XII, fib. dms., works..lb. .75 - —
contract, works..lb. .75 - —
powder, tech. (see Alumina hydrate)
USP IX, bbls., dms.....lb. .15 - .17
Laurate, precip., bbls.....lb. .25 - .26
Naphthenate,[6] 1.7% Al, 50-gal. dms., works..lb. .18¾- —
Oleate, dms., contract.....lb. .24½- —
Resinate, precip., dms.....lb. .15½- —
Stearate, precip., cts., c.l....lb. .23 - —
l.c.l.....lb. .24 - —
Sulphate, com'l, bgs., c.l., works, frt. equald..100 lbs. 1.15 - 1.25
l.c.l., works, frt. equald... 100 lbs 1.40 - 1.50
bbls., c.l., works, frt. equald. 100 lbs. 1.35 - 1.45
l.c.l., works, frt. equald... 100 lbs. 1.60 - 1.70
iron-free, bgs., c.l., works, 100 lbs. 1.75 - —
l.c.l., works.....100 lbs. 2.00 - —
Trihydrate, heavy (see Alumina hydrate)
Aluminum, 95-99%,[6] c.l.....lb. .15 - —
l.c.l.....lb. .15 - .16
Paste, lining, extra fine, 200-lb. dms..lb. .56 - .60
ink, 150-lb. dms.....lb. .71 - —
standard, 200-lb. dms.....lb. .58 - —

Aluminum powder, lining, extra fine, 150-lb. dms..lb. .93 - —
litho, 150-lb. dms.....lb. .57 - —
standard, 200-lb. dms...lb. .59 - —
rubber comp., 200-lb. dms..lb. .40 - —
unpolished, stand., dms....lb. .26 - —
varnish, stand., 200-lb. dms. lb. .40 - —

Aluminum powder and paste prices are f.o.b. shipping point. Add 1c. per lb. for 100-lb. dm., 1½c. per lb. for 50-lb. dm., 3c. per lb. for 10-lb. can, and 5c. to 12c. per lb. for smaller containers. Deduct 1c. per lb. for single shipment of 400 to 1,499 lbs., 2c. for 1,500 to 4,999 lbs., 3c. for 5,000 to 29,000 lbs., and 4c. for 30,000 lbs. or more. Where destination is within the continental U. S., a deduction equivalent to the lowest available common carrier, transportation rate will be made from sellers' invoice on orders of 200 lbs. or over.

Ambergris, gray, tins.....oz. 8.75 -12.00
Aminomethylpropanol, cns., dms., works..lb. .50 - .60
Aminopyrine, bots., dms.....lb. 4.00 - 4.40
Ammonia[6] anhydrous, fertilizer, tankcars, works, frt. equald. ton.59.00 - —
pure, cyls.....lb. .14½- —
refrigeration, tanks, works..ton.69.00 - —
Aqua, 26° cbys.....lb. .05¼- —
dms., c.l.....lb. .02¼- —
l.c.l.....lb. .02½- —
tanks, works (NH_3 content). ton.65.00 - —
Benzoate, USP, dms., kgs., 4,000 lbs., up, frt. alld..lb. .43 - —
smaller lots, frt. alld...lb. .44 - .47
Biborate, gran., bbls., N. Y. or Chi..lb. .1515- —
Bicarbonate, dms., c.l.....lb. .0564- —
Bichromate, bbls.....lb. .23 - .25
Bifluoride, bbls.....lb. .15 - .15½
Borate, gran., bbls., kgs.....lb. .1080- —
powd., bbls., kgs.....lb. .1130- —
Bromide, NF, bbls.....lb. .28 - —
dms.....lb. .29 - —
Carbonate, USP, lump, dms..lb. .08¼- .09½
cns.....lb. .14¼- .17¼
powdered, 1c. per lb. higher.
Chloride, tech. (see Ammoniac, sal).
USP, gran., bbls., dms, kgs.. lb. .13 - 15
Citrate, dibasic, bbls.....lb. .75 - —
dms.....lb. .80 - .85
Fluoride,[6] bbls.....lb. No stocks
Hydroxide (see Ammonia, aqua).
Hypophosphite, NF, dms.....lb. 1.25 - 1.27
jars .....lb. 1.30 - 1.35
Iodide, NF, bots.....lb. 3.71 - —
jars .....lb. 3.65 - —
Linoleate, 80%, anhyd., bbls.lb. .12 - —
Molybdate,[6] c.p., cryst., kgs..lb. 1.26 1.28
fine cryst., bbls., kgs.....lb. .84 - .87
purified, dms.....lb. 1.10 - 1.12
Nitrate,[1,6] fertilizer grade, Canadian, 32.5% nitrogen, bgs., same N unit price, delivered, as Ammonia sulphate, bgs., c.l., shipping point...ton.50.00 - —
bulk, same basis.....ton.46.00 - —
tech., bgs., works.....100 lbs. 4.35 - 4.50
bbls., works.....100 lbs. 4.55 - —
Nitrate-limestone,[6] 20.5% N, bgs., Hopewell, Va..ton.32.50 - —
Oleate, dms.....lb. .14 - —
Oxalate, fine gran., bbls.....lb. .23 - —
dms.....lb. .25 - .29
Perchlorate, kgs.....lb. No stocks
Persulphate, kgs.....lb. .25½- .28½
Phosphate, dibasic, NF V, bbls., kgs..lb. .37 - .39
tech., bgs., c.l., works....lb. .07 - —
l.c.l., works.....lb. .07¾- —
monobasic, pure, bbls.....lb. .39 - .41
tech., bgs., c.l., works....lb. .07 - —
l.c.l., works.....lb. .07¾- .08¼
Salicylate, NF, dms., kgs....lb. 1.15 - 1.18
Silicofluoride, bbls.....lb. .15 - .18
Stearate, anhydrous, dms....lb. .34 - —
paste, dms.....lb. .08½- —
Suphamate, bbls., works....lb. .18 - .24
Sulphate,[1,6] bulk, inland producing ovens..ton.28.20 - —
Atlantic coast ports...ton.29.20 - —
Sulphide, liquid, 40-45%, basis 100%, dms, c.l., works..lb. .09 - —
l.c.l., divd.....lb. .15 - —
tanks, divd.....lb. .07½- —
red, 48%, cbys., works.....lb. .08 - —
dms., works.....lb. .06 - —
yellow, 33%, cbys., works..lb. .08 - —
dms., works.....lb. .06 - —
Sulphocyanide, CP, bbls.....lb. .55 - —
jars .....lb. .97 - —
tech., bbls.....lb. .17 - .19
Thioglycollate, highly purified, 100% basis, bbls..lb. 7.10 - 8.25
Ammoniac gum (see Gum, ammoniac).
Sal, gray, bbls., c.l., works..... 100 lbs. 5.50 - 5.75
l.c.l., works.....100 lbs. 6.00 - 6.70
white, gran., bbls., c.l., works. 100 lbs. 4.45 - —
l.c.l., same basis.100 lbs. 5.15 - —
Amyl acetate,[3] ex fusel oil, tech., dms., c.l., divd..lb. .12¼- .16½
l.c.l., divd.....lb. .13 - .19
tanks, divd.....lb. .11½- .17½
ex-pentane, dms., c.l., frt. alld. E. of Miss. R..lb. .15½- —
l.c.l., same basis.....lb. .16½- —
tanks, same basis.....lb. .14½- —
Alcohol (see Alcohol, amyl).
Butyrate, dms.....lb. .90 - 1.00
Amyl chloride, mixed, tech., dms., c.l., works..lb. .07 - —
l.c.l., works.....lb. .08 - —
tanks, works.....lb. .06 - —
Ether, dms., c.l., works.....lb. .090- —
l.c.l., works.....lb. .102- —
tanks, works.....lb. .085 - —
Nitrite, USP, bots.....lb. 1.72 - 1.80
Mercaptan, dms, works.....lb. 1.10 - —
Salicylate, bots.....lb. .75 - 1.00
Stearate, dms., works.....lb. .42 - —
Amylene mixed, dms., c.l., works, lb. .102 - —
l.c.l., works.....lb. .11 - —
tanks, works.....lb. .09 - —
Anethol, com'l, dms., works..lb. .687 - .692
NF, dms.....lb. 2.60 - 3.00
Angelica dom. atropurpurea root, bls..lb. .75 - .80
imported, natural, bls.....lb. 2.50 - —
Angostura bark, bls.....lb. .21 - .22
Anilin oil, dms., c.l., works, frt. alld..lb. .11¼- —
l.c.l., works, frt. alld....lb. .12½- —
tanks, works, frt. alld....lb. .10¼- —
Salt, dms., works.....lb. .22 - .24
Anise,[1] Bulgarian, bgs.....lb. No stocks
Cyprus, bgs.....lb. No stocks
Mexican, bgs.....lb. .28 - .28½
Syrian, bgs.....lb. No stocks
Turkish, bgs.....lb. No stocks
Anisic aldehyde, bots.....lb. 3.00 - 3.25
Annatto,[6] paste, nx.....lb. .84 - .89
Seed, bgs.....lb. .08½- .09
Anthracene, 80-85%, bbls., works, lb. .35 - —
90%, bbls., works.....lb. .65 - —
Anthraquinone, 98.5%, bbls....lb. .70 - —
Antimony butter (see Antimony chloride)
Chloride, solut., cbys.....lb. .17 - —
Metal,[1] bulk, c.l., works....lb. .14½- .17½

Antimony, needle,[1,6] Bolivian, brown, 67%, cs..lb. .18½- —
Chinese, black, 70%, cs.....lb. .20 - .22
Oxide,[1,6] ceramic grade, bgs., c.l..lb. .16 - —
l.c.l.....lb. .15½- —
paint grade, bgs., c.l.....lb. .16¾- —
l.c.l.....lb. .16¾- —
Salt,[1,6] 65%, bgs., c.l., divd. E. of Miss. River..lb. .40 - —
Sulphide,[1,6] 65-70%, bbls., c.l., works..lb. .17 - —
l.c.l., works.....lb. .17½- —
Antipyrine, bbls., kgs., ton....lb. 2.00 - —
smaller lots.....lb. 2.10 - 2.20
Apomorphine, bots.....oz.23.20 -23.70
Apple syrup,[1] bbls.....lb. .14 - .16
Archil extract, bbls.....lb. No stocks
Areca nuts, powd., bbls.....lb. .23 - .24
Arecoline hydrobromide...bots.oz. 6.10 - 7.10
Argols,[7] min. 70%, bgs., shipment port, 100 kilos, 100% purity, kilo.80.00 -82.00
Arnica flowers, bls.....lb. 2.25 - 2.30
Arrowroot, powd., bgs., bbls...lb. .10½- .11
Arsenic, chloride (arsenous), bots., lb. 1.55 - —
Metal, lump, c.l.....lb. No prices
Sulphide, yellow, bbls.....lb. No stocks
Trioxide (see Acid, arsenous, and Arsenic, white).
White, powd., kgs., c.l.....lb. .04 - —
l.c.l.....lb. .04¾- —
Asafetida, cs.....lb. .58 - .60
powd., bbls., dms.....lb. .78 - .80
Asbestine (see Talc, N. Y. fibrous).
Asbestos fiber, 5D and 5K, bgs., c.l. (20 tons), Cana. mines, ton.49.50 - —
5R, bgs., same basis.....ton.44.00 - —
c.l., same basis.....ton.44.00 - —
6D, bgs., same basis.....ton.33.00 - —
c.l., same basis.....ton.33.00 - —
7D, bgs., same basis.....ton.26.50 - —
c.l., same basis.....ton.28.50 - —
7F, bgs., same basis.....ton.26.50 - —
c.l., same basis.....ton.26.50 - —
7H, bgs., same basis.....ton.22.50 - —
c.l., same basis.....ton.22.50 - —
7K, bgs., same basis.....ton.19.00 - —
c.l., same basis.....ton.19.00 - —
7M, bgs., same basis.....ton.16.50 - —
c.l., same basis.....ton.16.50 - —
7R, bgs., same basis.....ton.15.50 - —
c.l., same basis.....ton.15.50 - —
Asphaltum, Barbados, Dunellen, N. J..lb. .10½- —
California, dms., c.l.....ton.36.40 - —
l.c.l.....ton.41.40 - —
Cuba A, bulk, c.l.....ton.60.00 - —
l.c.l.....ton.90.00 - —
B, bulk, c.l.....ton.55.50 - —
l.c.l.....ton.85.00 - —
Egyptian .....ton. No stocks
Gilsonite, brilliant black, selects, 340° F. fusing point, bgs., mines..ton.30.00 -32.00
270-295° fusing point, bgs., mines..ton.30.50 - —
second, 300-390° F fusing point, not uniform, bgs., mines..ton.25.00 - —
jet, bgs., ton lots, gross weight, Colo. mines..ton.30.50 - —
Manjak No. 10, crude, dms., works..lb. .05½- .12
process form, bgs., works..lb. .05¾- .13
jet, bgs., 2,000 lbs., gross weight, Colo. mines..ton.30.50 - —
Mexican, refd., dms., c.l., Texas refy..ton.21.00 - —
l.c.l., same basis.....ton.21.00 -23.00
tanks, same basis.....ton.16.00 - —
Atropine, bots.....oz. 7.85 - —
Sulphate, bots.....oz. 5.75 - 6.15

B

Balm of Gilead buds, bgs.....lb. 1.90 - 2.00
Barbasco root,[2,3] (see Cube root).
Barberry root bark, bgs.....lb. .78 - .80
Barbital, dms.....lb. 3.50 - 3.60
Sodium, dms.....lb. 3.75 - 3.85
Barium carbonate, natural, 90% through 200 mesh, bgs., c.l., works..ton.43.00 - —
precip., bgs., c.l., works..ton.60.00 -70.00
l.c.l., works.....ton.65.00 -75.00
bbls., c.l., works.....ton.65.00 -75.00
l.c.l., works.....ton.70.00 -80.00
Chlorate, kgs., works.....lb. .27½- .31
Chloride, CP, cryst., bbls....lb. .25 - .27
pure, bbls., kgs.....lb. .10 - .12
tech., cryst.,[6] bgs., c.l., works, ton.73.00 - —
l.c.l., works.....ton.78.00 - —
bbls., c.l., works.....ton.75.00 - —
l.c.l., works.....ton.80.00 - —
Dioxide, dms., c.l., works....lb. .10 - —
l.c.l., works .....lb. .12 - .13
Fluoride, bbls.....lb. .18 Nom.
Hydrate (see Hydroxide).
Hydroxide, bbls., works....lb. .06 - .07
Iodide, bots.....lb. 4.62 - 4.83
Monoxide (see Oxide).
Nitrate, bbls., c.l., works...lb. .09½- .11¼
l.c.l., works .....lb. .10 - .11½
Oxide, dms., c.l., works.....lb. .10 - —
l.c.l., works .....lb. .12 - .14
grd., dms., l.c.l., works...lb. .12 - .16
Peroxide (see Dioxide).
Silicofluoride, bbls.....lb. .17 - .19
Stearate, cts., 1 ton up.....lb. .31 - —
smaller lots .....lb. .32 - —
Sulphate, tech. (see Barytes, and Blanc fixe).
X-ray, bbls. .....lb. .09½- .10
kgs. .....lb. .12 - —
Barytes, floated, bbls., c.l., St. Louis..ton.27.65 - —
l.c.l., same basis.....ton.28.65 - —
ex whse., N. Y.....ton.36.00 - —
paper bags, c.l., St. Louis.ton.26.35 - —
l.c.l., same basis.....ton.26.35 - —
ex whse., N. Y. .....ton.34.00 - —
Southern, off-color, bgs., mines, ton.17.50 - —
95.75%, bgs., mines.....ton.18.00 - —
Ore, approx. 94% $BaSo_4$, bulk, mines..ton. 8.50 - —
Bauxite bulk, mines.....ton. 7.00 -10.00
Bay leaves (see Laurel leaves).
Barberry bark, bgs.....lb. .12 - .13
Belladonna leaves, bls.....lb. 1.00 - 1.10
Root, bls. .....lb. 1.50 - 1.55
Bentonite, 200 mesh, bgs., works, ton.11.00 - —
325 mesh, bgs., works....ton.16.00 - —
Benzaldehyde, NF, dms.....lb. .70 - 1.10
tech., cbys., dms.....lb. .45 - .55
Benzene (see Benzol).
Benzidin base, bbls.....lb. .70 - —
Benzocaine, cns. .....lb. 3.20 - 3.35
Benzol (benzene), pure, nitration and 90%, dms., works, gal. .30 - —
tanks, E. of Omaha, frt. allo. up to 2c. per gal., gal. .15 - —
W. Coast, Minnequa, Colo..gal. .15 - —
Benzophenone, dms. .....lb. 1.15 - 1.20
Benzoyl chloride, cbys.....lb. .23 - .25
Peroxide, pure, gran., fib. ctns., works..lb. 1.95 - —

Benzyl acetate, f.f.c., cns....lb. .59 - .60
dms.....lb. .55 - .56
Alcohol (see Alchol, benzyl).
Benzoate, a.m.a., f.f.c., dms..lb. 1.00 - 1.10
Chloride, cbys., frt. equal..lb. .22 - .24
Cinnamate, cns.....lb. 4.00 - 4.50
Formate, cns.....lb. 3.00 - 3.50
Proprionate, bots.....lb. 2.30 - 3.00
Salicylate, bots. .....lb. 1.90 - 2.15
Benzylidinacetone, bots. .....lb. 2.00 - 2.50
Benzylisoeugenol, bots. .....lb. 9.50 - —
Berberine bisulphate, cns.....lb. No stocks
Hydrochloride, bots. .....lb. No stocks
Sulphate, cns. .....lb. No stocks
Berberis root, bls.....lb. .30 - .34
Betanaphthol, resublimed, dms., works..lb. .55 - .60
tech., bbls., c.l., works....lb. .23 - —
l.c.l., works.....lb. .24 - —
Benzoate, fib. dms., works...lb. 1.75 - —
Salicylate, dms. .....lb. 5.00 - —
Betanaphthylamine, tech., works, lb. .51 - —
Betapicoline, 90%, ret. dms., c.l., works..lb. 1.60 - —
l.c.l., works.....lb. 1.85 - —
95%, dms., works.....lb. 2.05 - —
98.99%, works.....lb. 2.20 - —
Betagammapicoline, dms., c.l., works..lb. .23½- —
l.c.l., works.....lb. .24½- —
Beth root, bls.....lb. .43 - .44
Bismuth chloride, bots.....lb. 3.00 - —
jars .....lb. 2.85 - —
Citrate, USP VIII, bots.....lb. 2.81 - 2.86
jars .....lb. 2.75 - —
Hydroxide, bots.....lb. 3.41 - 3.46
cns. .....lb. 3.35 - —
Metal, ton lots.....lb. 1.25 - —
Nitrate, cryst., bots.....lb. 1.41 - 1.44
cns. .....lb. 1.30 - —
Oxychloride, bots.....lb. 3.14 - 3.19
cns., dms., kgs.....lb. 3.10 - —
Subbenzoate, bots.....lb. 3.51 - —
fib. dms.....lb. 3.40 - —
Subcarbonate, USP, bbls., dms., lb. 1.50 - 1.55
bots., cns.....lb. 1.59 - 1.69
X-ray, 5-lb. bots.....lb. 2.79 - —
fib. dms.....lb. 2.73 - —
Subgallate, NF, bots., cns...lb. 1.49 - 1.53
fib. dms.....lb. 1.40 - 1.43
Subiodide, bots.....lb. 4.19 - 4.25
fib. dms.....lb. 4.13 - —
Subnitrate, USP, powd., bbls., dms..lb. 1.20 - 1.28
bots. .....lb. 1.29 - 1.33
Subsalicylate, USP, bbls., fib. dms..lb. 2.50 - —
5-lb. cns.....lb. 2.54 - 2.59
Sulphocarbolate, bots.....lb. 3.71 - 3.74
fib. dms.....lb. 3.65 - —
Bismuth-ammonia citrate, USP, powd., dms..lb. 3.40 - —
cns. .....lb. 3.45 - 3.50
Black, acetylene,[3] bgs., c.l., works..lb. .14 - —
l.c.l., works.....lb. .18 - —
Bone 1A, bgs., bbls., c.l., frt. alld. E..lb. .17 - —
2, bgs., bbls., c.l., same basis. lb. .12 - —
2, bgs., bbls., c.l., same basis. lb. .11 - —
4, bgs., bbls., c.l., same basis. lb. .08½- —
400A, bgs., bbls., c.l., same basis..lb. .08¾- —
457, bgs., bbls., c.l., same basis..lb. .11½- —
Bone black l.c.l. prices are ½c. higher than c.l. Pacific coast, ex dock, or whse., prices are 1½c. higher.
Carbon,[1] channel, compressed, beads, bulk, c.l., works..lb. .05 - —
bgs., c.l., works.....lb. .055 - —
l.c.l., works.....lb. .06 - —
dlvd. or whse. .....lb. .092- —
uncompressed, regular, bgs., c.l., works..lb. .03625- —
bgs., ctns., l.c.l., dlvd. or whse..lb. .097 - —
Furnace, HMF, bgs., c.l., works..lb. .05 - —
ctns., l.c.l., whse.....lb. .07½- —
SRF, bgs., c.l., works....lb. .08½- —
ctns., l.c.l., whse.....lb. .09 - —
Thermatonic, bgs., c.l., works La..lb. .04 - —
l.c.l., whse, Trenton, N. J. lb. .06½- —
Charcoal (see C).
Graphite (see G).
Iron oxide, magnetic, pure, bbls., l.c.l., works..lb. .08½- —
Lamp, 1, ctns., works.....lb. .08½- —
l.c.l., works.....lb. .09 - —
2, ctns., c.l., works.....lb. .10 - —
l.c.l., works.....lb. .11 - —
2A, ctns., c.l., works.....lb. .12 - —
l.c.l., works.....lb. .13½- —
3, ctns., c.l., works.....lb. .14½- —
l.c.l., works.....lb. .15½- —
4, ctns., c.l., works.....lb. .16½- —
l.c.l., works.....lb. .17½- —
5, ctns., c.l., works.....lb. .20 - —
l.c.l., works.....lb. .26 - —
6, ctns., c.l., works.....lb. .26½- —
l.c.l., works.....lb. .27½- —
7, ctns., c.l., works.....lb. .37½- —
l.c.l., works.....lb. .38½- —
Mineral, vine type, bbls., l.c.l., works..lb. .04¾- —
Vine A, bbls.....lb. .04½- .05
B, bbls.....lb. .05¾- —
kegs .....lb. .06 - —
Black dyes (see Dyes).
Black haw root bark, bls.....lb. .35 - .40
Tree bark, bls.....lb. .40 - .45
Black Indian hemp root, bls...lb. .50 - .55
Blanc fixe, dry, by-product, bgs., c.l., works..ton.60.00 - —
l.c.l., works.....ton.67.00 - —
direct process, bgs., c.l., works.....ton.70.00 - —
bbls., c.l., works....ton.75.00 - —
l.c.l., works.....ton.80.00 - —
pulp, 66⅔%, bbls., c.l., works, ton.40.00 - —
l.c.l., same basis....ton.46.50 - —
Bleaching powder,[3] dms., c.l., works..100 lbs. 2.50 - 3.10
l.c.l., works.....100 lbs. 3.75 - 3.80
Blood,[1,7] dried, 16-16½% ammon., bgs..unit-ton. 5.53 - —
high-grade, unground, 16-17% ammon., bulk, Chicago, unit-ton. 5.53 - —
soluble, bgs., c.l., Chicago...lb. .13½- —
l.c.l., Chicago.....lb. .15 - .20
Bloodroot, bls.....lb. .55 - .56
Blue,[1] alkali, dry, bbls., dlvd. N. of Tenn. and N. C., E. of Miss. River, including St. Paul, Minneapolis, Davenport, Rock Island, St. Louis, lb. 1.75 - —
Toner, bbls., same basis....lb. .85 - .90
Celestial, bbls., same basis..lb. .10 - .12
Chinese, bbls., same basis...lb. .36 - —
Cobalt,[6] genuine, bbls., same basis..lb. 4.90 - —
Imitation (see Blue, ultramarine)
Copper phthalocyanin, full strength, bbls., same basis, lb. 3.50 - 3.75
80%, bbls., same basis...lb. 3.00 - —
green shade, bbls., same basis, lb. 4.50 - 4.70

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We have three qualities, each adapted to particular uses, at prices favorable to the cost of your finished product.

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For the more expensive cosmetics, we have Myristyl Alcohol for prompt delivery.

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We are now in a much better position to provide for your normal requirements, either U. S. P. Powder, Granular or Crystals.

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Cream of Tartar—We have substantial supplies of the U. S. P. Powder.

Rochelle Salt—We can now offer the U. S. P. quality for November shipment.

We also offer for prompt delivery:

Benzaldehyde	Lactic Acid	Sodium Benzoate
Bromine	Lemon Oil	Sodium Citrate
Cellosolve	Magnesium Carbonate	Tannic Acid
Chloroform	Orange Oil	Tar Acid
Cresylic Acid	Potassium Bromide	Triethanolamine

Whatever your chemical needs—call us!

WILLIAM D. NEUBERG COMPANY

Chemicals

GRAYBAR BUILDING • 420 LEXINGTON AVE • NEW YORK 17, N. Y.
TELEPHONE LEXINGTON 2-3324

Blue, iron (see Blue, Chinese, Milori, Potash, Prussian, and Soda)
Milori, bbls., same basis....lb. .35 - —
Molybdated, Victoria, bbls., same basis..lb. 3.15 - —
Peacock, fugitive, 100% color strength, same basis..lb. .52 - —
permanent toner, green shade, molybdic, bbls., same basis lb. 3.50 - —
tungstic .....lb. 4.00 - —
Potash, CP, bbls., same basis. lb. .42 - —
Prussian, bbls., same basis.lb. .36 - —
soluble, bbls., same basis..lb. .36 - —
Soda, CP, bronze, bbls., same basis..lb. .36 - —
Ultramarine,[4] cobalt type, dry or pulp, bbls., same basis. lb. .23 - .27
jobbing type, dry, bbls., same basis..lb. .12 - .13
regular types, dry or pulp, bbls., same basis..lb. .17 - .27
Victoria, toner, molybdic, bbls., lb. 3.15 - —
tungstic, bbls.....lb. 3.30 - —
ink toner, bbls., same basis, lb. 1.83 - —
synthetic vehicle, bbls., same basis..lb. 1.93 - —
Violet, toner, molybdic, kgs., same basis..lb. 1.25 - —
tungstic, kgs., same basis..lb. 2.10 - —
Blue dry colors, dlvd. prices ½c. higher Ala., Fla., Ga., La. (Shreveport, 1¼c.); Miss., N. C., S. C., Tenn., Tex. (El Paso, 2c.); Cedar Rapids, Des Moines, Kansas City, Lincoln, Omaha, St. Joseph; 1.6c. higher, Pac. Coast; Denver, Pueblo, Salt Lake City, Wichita, frt. equalized with Chicago.

Blue dyes are listed under Dyes.
Blue mass, NF, cns., tube....lb. 1.58 - 1.75
powd., bots., cns., dms.....lb. 1.61 - 1.75
Blueflag root, bls.....lb. .70 - .75
Bluestone (see Copper sulphate).
Blue vitriol (see Copper sulphate).
Bone,[7] raw, bulk, Chicago...ton.57.00 -65.00
junk, bulk, same basis....ton.35.00 - —
Meal, raw, 4½% ammon., 50% phos., bgs., E. works... ton.37.50 - —
Chicago, works.....ton.39.50 - —
steamed, feeding grade, 1% ammon., 60% phos., bgs., E. works..ton.48.50 - —
Chicago, works.....ton.50.00 - —
fertilizer grade, 3% ammon., 50% phos., bgs., E. works..ton.38.50 - —
Chicago, works.....ton.36.00 - —
Phosphate, defluorinated (see D).
Precipitated (see Calcium phosphate tribasic precip.).
Boneset leaves, bls.....lb. .16 - .17
Borage flowers, bls.....lb. No stocks
Borax,[2] tech., 99½% gran., bulk, c.l., frt. alld..ton.41.50 - —
bgs., c.l., frt. alld....ton.45.00 - —
ton lots, ex whse.....ton.56.00 - —
less ton lots, ex whse.ton.61.00 - —
bbls., c.l., frt. alld.....ton.55.00 - —
ton lots, ex whse....ton.66.00 - —
less ton lots, ex whse.ton.71.00 - —
powd., bgs., c.l., frt. alld., ton.50.00 - —
ton lots, ex whse.....ton.61.00 - —
less ton lots, ex whse.ton.66.00 - —
bbls., c.l., frt. alld.....ton.60.00 - —
ton lots, ex whse.....ton.71.00 - —
less ton lots, ex whse.ton.76.00 - —
USP, $15 per ton higher.

Bordeaux mixt., dms., c.l., whse., works, frt. alld..lb. .11 - —
l.c.l., same basis.....lb. .11½- —
Bornyl thiocyanoacetate (see Isobornyl thiocyanoacetate).
Brimstone (see Sulphur).
Bromine, purified, cs., c.l., frt. alld. E. of Rockies..lb. .21 - —
1,000 lbs., frt. alld. E. of Rockies..lb. .23 - —
single pkgs., same basis..lb. .28 - —
Brazilwood extract (see Hypernic).
Bromoform, USP, bots.....lb. 1.50 - —
cbys. .....lb. 1.42 - —
Bromostyrol .....lb. 4.30 - 5.00
Bronze powder, aluminum (see A).
Gold, litho., cns., dms., works. lb. .60 - .65
moulding, cns., dms., same basis..lb. .80 - 1.00
printing ink, cns., dms., same basis..lb. .85 - 1.20
radiator, cns., dms., same basis..lb. .45 - .80
Broomtop, bls.....lb. .14 - .16
Brown, iron-oxide, pure, precip., cks., works..lb. .12 - —
Metallic, bbls., c.l., works..lb. .02½- —
Sap, crystals, works.....lb. .12 - —
powdered .....lb. .13 - —
Sienna, burnt, American, bbls., works..lb. .03¾- .05
pap. bgs., c.l., same basis. lb. .0235- —
Italian type, bbls., works. lb. .03¾- .10¾
raw, American, bbls., works. lb. .04 - .10
Italian type, bbls., works. lb. .08 - .10

Brown, umber, burnt, American, bbls., works..lb. .03¾- —
Italian-type, bbls., works.lb. .04¾- —
Turkey-type, bbls., l.c.l., Boston, Bethlehem, Easton, Pa.; N. Y..lb. .04¾- —
St. Louis, Chicago, Indianapolis, New Orleans..lb. .05½- —
Minneapolis .....lb. .0535- —
Pittsburgh .....lb. .05 - —
Turkey-type, bbls., ex car, Los Angeles.....lb. .05¾- —
Portland, San Francisco, Seattle..lb. .05½- —
ex whse, Los Angeles. lb. .05¾- —
Portland, San Francisco, Seattle..lb. .05¾- —
Vandyke, reg., bbls., works..lb. .09 - —
special, bbls., works.....lb. .12 - —
Brucine, cns., 100 ozs.....oz. .35 - —
Sulphate, cns., 100 ozs.....oz. .30 - —
Bryonia root, bls.....lb. .60 - .65
Buchu leaves, bls.....lb. .83 - .85
Buckthorn bark, bls.....lb. .45 - .46
Berries, bgs.....lb. .60 - .70
Burdock root, bls.....lb. .29 - .30
Burgundy pitch, dom., dms...lb. .08 - —
Butane,[1] indust., tanks, Group 3. gal. .03½- —
Butyl acetate, normal,[1] ferment, Ill., Ind., prod., dms., c.l., frt. alld. E. of Miss. R. lb. .1380- —
l.c.l., same basis.....lb. .1910- —
tanks, same basis.....lb. .1760- —
tankwagon, same basis.lb. .1610- —
other production, dms., c.l., same basis..lb. .1900- —
l.c.l., same basis....lb. .1930- —
tanks, same basis....lb. .1600- —
synthetic, dms., c.l., same basis..lb. .11¾- —
l.c.l., same basis.....lb. .1060- —
tanks, same basis.....lb. .10¾- —
secondary,[1] dms., c.l., dlvd. E. of Miss. R..lb. .09½- —
l.c.l., same basis.....lb. .10 - —
tanks, same basis.....lb. .08½- —
Normal butyl acetate, W. of Miss. R., ½c. per lb. higher.
Aldehyde, dms., c.l., works...lb. .15½- —
l.c.l., works.....lb. .16½- —
tanks, works.....lb. .14½- —
Ether (see Ether, butyl).
Lactate, dms., works.....lb. .26¾- —
Laurate, dms., works.....lb. .42 - —
Myristate, dms., works.....lb. .41 - —
Oleate, ref., dms., l.c.l., works. lb. .35 - —
tech., dms., c.l., works.....lb. .24 - —
l.c.l., works.....lb. .24½- .26½
Phenylacetate, dms.....lb. 2.00 - 2.25
Phthalate (see Dibutyl phthalate).
Propionate, dms., dlvd.....lb. .16½- .17
tanks, dlvd.....lb. .15½- —
Stearate, dms.....lb. .31 - —
Butyric ether, bots.....gal. 6.50 - 6.95
cns., works.....lb. .65 - .70
dms., works.....lb. .60 - —

C

Cadmium bromide, bots.....lb. 1.84 - 1.91
jars .....lb. 1.65 - 1.70
Iodide, bots.....lb. 4.23 - —
cns. .....lb. 4.09 - —
Lithopone (see Yellow).
Metal,[1] ingots or sticks, dlvd.lb. .90 - —
pat. shapes, cs., dlvd.....lb. .95 - —
Selenide (see Red).
Sulphide (see Yellow).
Caffeine,[1] dms., 100 lbs. or more. lb. 2.80 - 2.85
smaller lots.....lb. 2.95 - 3.25
anhydrous, dms., 100 lbs. or more..lb. 3.00 - 3.05
smaller lots.....lb. 3.15 - 3.45
Citrated, dms., 100 lbs. or more. lb. 1.95 - —
smaller lots.....lb. 2.05 - 2.30
Hydrobromide, bots.....lb. 5.29 - 5.37
Calabar beans, bgs.....lb. .35 - .38
Calamus root, natural, dom., bls. lb. .40 - .45
Calcium acetate, bgs., dlvd..... 100 lbs. 3.00 - 4.00
Arsenate, bgs., c.l., whse., wks., frt. alld..lb. .07½- .08
l.c.l., same basis.....lb. .08 - .08½
Bromide, jars.....lb. .65 - .70
Carbide,[1] dms., c.l., works.ton.50.00 - —
dlvd. .....ton.87.00 -90.00
Carbonate (see Chalk and Whiting).
Chloride, cryst., purified, bbls., jars..lb. .28 - .30
flake, 77-80%, paper bgs., c.l., dlvd..ton.18.50 -35.00
l.c.l., dlvd.....ton.28.50 -45.00
liquor, basis 40%, tanks, works..ton. 7.50 - —
solid, 73-75%, dms., c.l., dlvd. ton.18.00 -34.50
l.c.l., dlvd.....ton.28.00 -44.50
Calcium chloride prices vary according to zone; minimum prices are for spot delivery. C.l. prices for flake in burlap paper-lined bags, $2.50 per ton over paper bags; drums, $3.50 per ton over paper bags.
Cyanide, dms., delivered E. of Rockies..lb. .25 - .40
Gluconate, USP, gran., bbls..lb. .52 - —
dms. .....lb. .57 - .59
cns. .....lb. .70 - —
powd., 2c. per lb. lower.
Glutamate, kgs.....lb. 1.50 - —
Glycerophosphate, fiber dms., 1,000-lb. lots..lb. 1.25 - —
smaller lots.....lb. 1.75 - —
Iodide, bots., jars.....lb. 4.04 - 4.19
Lactate, edible, dms.....lb. .21 - —
USP, bbls.....lb. .35 - .37
Laurate, bbls.....lb. .28 - .29
Mandelate, USP, dense, fluffy, dms..lb. 2.05 - 2.30
Naphthenate, 4% Ca, 50-gal. dms..lb. .22½- —
Pantothenate, dex., 100-gram bots..per gram. .16 - —
Phosphate, feeding grade, bgs., works..ton.75.00 - —
food grade, bbls., 10 or over, works..lb. .07 - .07¾
less than 10, works.....lb. .08 - .10
medicinal, dibasic, bgs..... 100 lbs.11.40 -13.00
monobasic, cryst., bgs., c.l., works, frt. equald..lb. .05¾- —
l.c.l., frt. equald.....lb. .06 - .06½
tribasic, bbls., c.l., works..lb. .0635- —
bgs., l.c.l., works.....lb. .0645- .0680
Resinate, precip., 5.3% Ca, 100-lb. dms..lb. .15½- —
Silicate, hydrated, c.l., bgs., works..lb. .05½- —
l.c.l., works.....lb. .06 - —
Stearate, precip., ctn., c.l., works..lb. .25 - —
l.c.l., works.....lb. .26 - .28
Sulphate (see Gypsum).
Sulphide, 70%, bgs., c.l., works. ton.45.00 - —
80%, bgs., c.l., works....ton.50.00 - —
luminous, tins, works.....lb. 1.00 - —
Sulphocarbolate, bbls.....lb. .49 - .50
Tallate, 3%-4% Ca, 50-gal. dms. lb. .13¼- .13¾

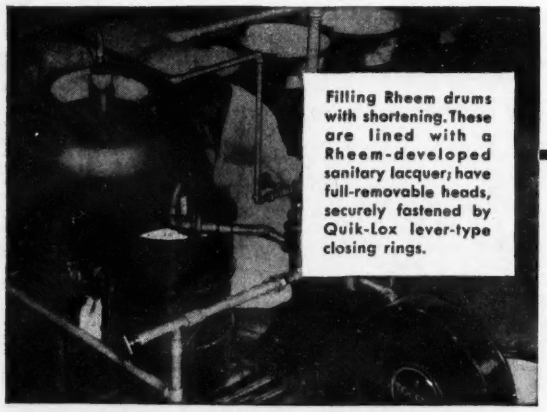
TASTY BAKING demands a shortening that retains full delicacy of flavor. Even the slightest "turn" in the flavor of this important ingredient cuts down the appetite appeal of the pie or cake.

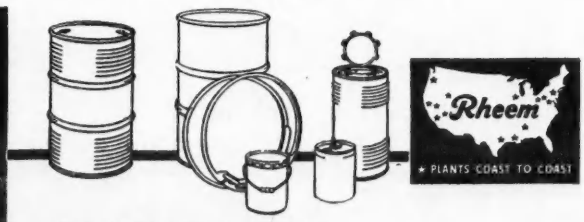
For that reason, shortening is shipped to commercial bakers and other large users in sanitary steel drums, specially treated to preserve the purity of the product. Wholesale quantities of salad oils and many other easily-contaminated food products are similarly packaged.

To protect their bulk shipments of such food products against deterioration, Rheem supplies many processors with a special, sanitary lacquer-lined steel drum — the lining to protect flavor freshness, the rugged, flash-welded steel construction to guard against transit hazards. Airtight closures provide a perfect seal.

Inside and out, no other container protects like the steel drum. And Rheem knows how to adapt the steel drum to any practical purpose. If you need steel shipping containers of any size or gauge . . . plain, lithographed or galvanized . . . or with baked protective linings, call upon the nearest RHEEM office. You'll find delivery is prompt from the Rheem nationwide network of plants.

Your Product Deserves the Protection of a Rheem Container


Filling Rheem drums with shortening. These are lined with a Rheem-developed sanitary lacquer; have full-removable heads, securely fastened by Quik-Lox lever-type closing rings.



RHEEM
MANUFACTURING COMPANY

Executive and General Sales Offices
New York • San Francisco • Los Angeles
Chicago • Washington, D.C.

Calcium-strontium sulphide, phosphorescent, dms., works..lb. 1.00 - 1.50
fine particle size, works.. lb. 1.50 - 1.75
Calendula flowers, bls.....lb. 2.60 - 2.65
Calomel,[6] bbls., dms.....lb. 2.44 - 2.45
Camphor, natural.....lb. No stocks
synth.,[4] tech., bbls., contract, 2,000 lbs. or more, works..lb. .42 - —
10 bbls. (1,500 lbs.).....lb. .44½- —
5 to 9 bbls.....lb. .45 - —
1 to 4 bbls.....lb. .46 - —
smaller lots.....lb. .48 - .55
USP, gran., powd., bbls., 2,000-lb. lots..lb. .69 - —
1,000-lb. lots.....lb. .70 - —
smaller lots.....lb. .71 - —
tablets, 2,000-lb. lots.....lb. .82 - —
1,000-lb. lots.....lb. .83 - —
smaller lots.....lb. .84 - —
Camphor, monobromated, dms.lb. 3.20 - —
Canada balsam (see Fir balsam).
Cantharides .....lb. No stocks
Capsicum (see Pepper, red).
Capsicum oleoresin, USP VII, cns..lb. 4.50 - 4.65
Caramel coloring, bbls.....gal. .70 - 1.10
Caraway seed,[1] California, Dutch type..lb. .74 - .75
Canadian, bgs.....lb. .77 - .78
Dutch, bgs., futures.....lb. .70 - .72
Caraway seed, Morocco, dewhiskered, futures, bgs..lb. .67 - .68
Spanish, dewhiskered, bgs..lb. No stocks
Syrian, dewhiskered, futures, bgs..lb. .68 - .69
Carbazole, 95%, dms., ton lots, works..lb. .70 - —
smaller lots, works.....lb. .80 - —
98%, dms., ton lots, works...lb. .75 - —
smaller lots, works.....lb. .85 - —
Carbinol, butyl, norm. dms., l.c.l., works..lb. .27 - —
secondary, dms., l.c.l., works, lb. .60 - —
Isobutyl, dms., c.l., works..lb. .22½- —
l.c.l., works.....lb. .23½- —
tanks, works.....lb. .21½- —
Carbon bisulphide, 55-gal. dms., c.l., frt. alld. E. of Miss. R., N. of Ohio R..lb. .05 - —
l.c.l., same basis.....lb. .05¾- —
5-gal. dms., c.l., same basis, lb. .07 - .07½
l.c.l., same basis.....lb. .08 - .08½
Dioxide, cyls.....lb. .06 - .08
Tetrachloride,[1] c.p., dms., c.l. lb. .07½- —
l.c.l. .....lb. .08 - —
tech., Zone 1, 52½-gal. dms., c.l., frt. alld..gal. .73 - —
l.c.l., frt. alld.....gal. .80 - —
5 or 10-gal. dms., c.l., frt. alld..gal. .97 - —
l.c.l., frt. alld.....gal. 1.07 - —
Zone 2, 52½-gal. dms., c.l., frt. alld..gal. .80 - —
l.c.l., frt. alld.....gal. .87 - —
5 or 10-gal. dms., c.l., frt. alld..gal. 1.04 - —
l.c.l., frt. alld.....gal. 1.14 - —
Zone 3, 52½-gal. dms., c.l., frt. alld..gal. .94 - —
l.c.l., frt. alld.....gal. 1.00 - —
5 or 10-gal. dms., c.l., frt. alld..gal. 1.17 - —
l.c.l., frt. alld.....gal. 1.27 - —

Carbon tetrachloride, tech., Zone 4, 52½-gal. dms., c.l....gal. .83 - —
l.c.l. .....gal. .90 - —
5 or 10-gal. dms., c.l..gal. 1.07 - —
l.c.l. .....gal. 1.17 - —
USP, cbys.....lb. .17 - .19

Carbon tetrachloride prices are frt. alld. with the exception of Zone 4, where prices are f.o.b. cars, L. A., Cal.; S. F., Cal.; Portland, Ore., and Seattle, Wash. Sales zones are:—1, Conn., Del., Ill., Ind., Ia., Me., Mass., Md., Mich., Minn., Mo., N. H., N. J., N. Y., N. C., O., Pa., R. I., Tenn., Va., W. Va., Wis., and river cities of Burlington, Ia., and Kansas City, Kans. 2, Ala., Ark., Fla., Ga., Kans., La., Miss., Neb., N. D., Okla., S. C., S. D.; 3, Colo., N. Mex., Tex., and Montana points E. of Billings; 4, Ariz., Cal., Idaho., Nev., Ore., Utah, Wash. and Montana points W. of Billings.

Cardamom,[1] bleached, bold, cs., lb. 1.45 - 1.50
medium, cs.....lb. 1.40 - 1.45
decorticated, Guatemala, cs..lb. .92 - .93
India, cs.....lb. .90 - .91
green, bgs.....lb. .67 - .68
Carotene, cryst., 1,350,000 A units per gm., tins, works, 1,000,000 units. .50 - —
research grade (alpha, 10%; beta, 90%), amps, 100 grams, dlvd..gram. 2.85 - —
50 grams, dlvd.....gram. 2.90 - —
in vegetable oil, 250,000 USP units per gm., bots., works. lb.37.80 - —
50,000 USP units per gm., bots., works..lb. 8.43 - —
dms., works.....lb. 7.68 - —
8,800 A units per gm., tins, works, 1,000,000 units. .55 - —
dms., works..1,000,000 units. .50 - —
3,300 USP units per gm., dms., works..lb. .66 - .71
Carvol, bots.....lb.22.50 -23.00
Cascara sagrada bark, bulk...lb. .42 - .43
Case-hardening mixture, 50% gran., dms., l.c.l..lb. .09¾- —
slabs, dms., l.c.l.....lb. .08¾- —
Casein,[1] dom., acid-precip., bgs., 100 or more, ship't point..lb. .24 - —
20 to 99, same basis....lb. .24¼- —
less than 20, same basis. lb. .24¾- —
rennet-precip., bgs., 100 or more, same basis..lb. .25½- —
20 to 99, same basis....lb. .25¾- —
less than 20.....lb. .26¼- —
imp., acid-precip., ground, bgs., 100 bgs. or more..lb. .21 - .23
rennet-precip., unground, bgs., 100 bgs. or more..lb. .22½- .24½
Cassia,[1,7] .....lb. No stocks
Cassia fistula, bskts.....lb. .26 - .28
Castor beans,[7] bgs., Brazilian ports..long ton.86.00 -87.00
Oil (see Oil, castor).
Pomace,[1] bgs., c.l., works..... unit-ton. 2.90 - —
Castoreum, nat., cns.....lb.12.00 -13.00
synth, bots.....lb.10.00 - —
Catechol, CP, cryst., works, fib. dms., frt. alld..lb. 1.90 - —
resublimed, works, frt. alld., dms..lb. 3.25 - —
Catnep, bls.....lb. .50 - .55

Celery seed,[1] French, bgs.....lb. No stocks
Indian, bgs.....lb. .28 - .28½
Celluloid scrap (see Pyroxylin scrap).
Cellulose acetate, flake, ctns., works, frt. alld. on 100 lbs. or more..lb. .30 - —
granules, ctns., same basis.lb. .35 - —
Acetate-butyrate, flake, high (36.5%) butyryl content, 50-lb. ctns., 5,000 lbs. and up, frt. alld..lb. .45 - —
1,000-4,900 lbs., frt. alld.lb. .46 - —
100-900 lbs., frt. alld...lb. .47 - —
smaller pkgs. works....lb. .48 - —
medium (15.5 or 17.0%), 50 lb. ctns., 5,000 lbs. and up, frt. alld..lb. .43 - —
1,000-4,900 lbs., frt. alld.. lb. .44 - —
100-900 lbs., frt. alld....lb. .45 - —
smaller pkgs., works....lb. .46 - —
Granules are 5c. per lb. higher, all quantities.
Acetate-propionate, flake, high (31.5%) propionyl content, 50-lb. ctn., 5,000 lbs. and up, frt. alld..lb. .45 - —
1,000-4,900 lbs., frt. alld.lb. .46 - —
100-900 lbs., frt. alld....lb. .47 - —
smaller pkgs., works...lb. .48 - —
Granules are 5c. per lb. higher, all quantities.
Triacetate, flake, ctns., works, frt. alld. on 100 lbs. or more. lb. .30 - —
Cerium hydrate, dms., works..lb. .60 - —
Oxalate, USP, bbls., works..lb. .35 - —
kgs., works.....lb. .37 - —
Oxide, optical grade, kgs., 100-lb. lots, works..lb. 1.50 - —
bgs., smaller lots, works.lb. 2.00 - —
Chalk, precipitated, cosmetic, dentifrice, and drug, bgs., c.l., works..lb. .02⅞- —
paint and other industries, bgs., c.l., works..ton.40.00 - —
papermakers, bgs., c.l., works. ton.32.50 - —
rubbermakers, bgs., c.l., works ton.30.00 - —
Chamomile, Hungarian type, cs. lb. .38 - .45
Roman, bls.....lb. 1.50 - 1.55
Charcoal, hardwood, lump, bulk, c.l., works..ton.31.25 - —
bur. bgs., ret., c.l., works. ton.31.00 -33.75
briquets, bulk, c.l., works.. ton.35.00 - —
bgs., c.l., works.....ton.40.00 -41.00
granular, all grades, bgs., incl., works..ton.44.00 - —
screenings, bur. bgs., ret., c.l., works..ton.23.65 - —
Pinewood,[1] lump, bgs., c.l., Southern shipping points... ton.20.60 - —
granular, powd., bgs., c.l., works, South..ton.30.20 - —
l.c.l., works.....ton.41.00 - —
Willow, powd., bbls.....lb. .06 - .07
Chestnut extract,[1,6] standard 25% tannin, bbls., c.l., works..100 lbs. 3.22 - 3.35
l.c.l., works.....100 lbs. 3.47 - 3.60
tanks, works.....100 lbs. 2.62 - 2.95
powdered, 65% tannin, bags extra, c.l., works.100 lbs. 7.46 - 8.32
l.c.l., works.....100 lbs. 8.21 - 9.07
Chillies (see Pepper, red).

China clay, dom., dry-grd., air-float, 99.75%, 300 mesh, bgs., c.l., works..ton. 9.50 - —
l.c.l., works....ton.16.00 - —
bulk, c.l., works.ton. 7.00 - —
200 mesh, bgs., c.l., works..ton. 9.50 - —
l.c.l., works.....ton. 9.50 -15.50
wet-grd., silk-bolt, 99½%, 325 mesh, bulk, c.l., works.ton. 9.50 - —
paper bgs., c.l., works.ton.12.50 - —
import, white, lump, bulk, c.l., ex dock Balto., Boston, Norfolk, Phila..ton.19.00 -24.00
powd., cks.,l.c.l., ex whse.ton.41.00 -
Chloral hydrate, jars.....lb. .96 - .98
dms. .....lb. .90 - .95
Chlorinated rubber,[6] standard, ctns., 100 lbs. up, works..lb. .32 - —
smaller lots, works.....lb. .35 - —
1-lb. bots., ex whse.....lb. 1.25 - —
Chlorine, liquid, cyls., c.l....lb. .05½- —
contracts .....lb. .05¾- —
l.c.l. .....lb. .07¾- —
tanks, single units, works, frt. equald..100 lbs. 1.75 - —
multiple units, 3 or over, works, frt. equald..100 lbs. 2.00 - —
2, wks., frt. equald.100 lbs. 2.50 - —
1 wks., frt. equald.100 lbs. 3.00 - —
Chloropicrin, com'l, 180-lb. cyls., USP, dms.....lb. .30 - .33
Chloroform, tech., dms.....lb. .20 - .25
works, frt. alld..lb. .80 - —
100-lb. cyls., same basis...lb. .82 - —
25-lb. cyls., ex whse.....lb. 1.00 - —
1-lb. bots., ex whse.....lb. 1.25 - —
Choline chloride, fib. dms.....lb. 3.00 - 3.10
Dihydrogen citrate, fib. dms.lb. 3.00 - 3.10
Chrome acetate, powd., 24%, bbls. lb. .22 - —
solut., 8%, bbls., cs.....lb. .07½- —
7½%, bbls., cs.....lb. .06½- —
Cake, bulk, c.l., works.....ton.16.00 - —
Ore,[1] residue, paper bgs., c.l., works..ton.15.00 - —
Oxide (see Green, chrome oxide).
Trioxide (see Acid, chromic).
Yellow (see Yellow, chrome).
Chrysarobin, bots.....lb. 6.02 - 6.09
Cinchona bark,[6] red, quill, USP, 10 in., cs..lb. 1.20 Nom.
Cinchonidine,[6] small, cryst., cns., 100 ozs..oz. No prices
Sulphate, NF, cns., 100 ozs..oz. No prices
Cinchonine,[6] small, cryst., cns., 100 ozs..oz. No prices
large, cryst., cns., 100 ozs..oz. No prices
Sulphate, NF, cns., 100 ozs..oz. No prices
Cinchophen, NF, heavy, dms..lb. 3.70 - 3.80
standard, dms.....lb. 3.50 - 3.60
Cinnamic alcohol (see Alcohol, cinnamic).
Aldehyde, cbys., cns., dms...lb. 1.20 - 2.25
Cinnamon,[1,7] Ceylon, O, bls., futures..lb. .5202- —
OO, bls., futures.....lb. .5320- —
OOO, bls., futures.....lb. .5407- —
OOOO, bls., futures.....lb. .5494- —
No. 1, bls., futures.....lb. .5145- —
2, bls., futures.....lb. .5058- —
3, bls., futures.....lb. .4958- —
4, bls., futures.....lb. .4858- —
Citral, bots., cns.....lb. 4.50 - 6.25
Citrine ointment, jars.....lb. .95 - 1.15
Citronellal, bots., dms.....lb. 2.75 - 3.25
Citronellol, bots., dms.....lb. 6.00 - 7.00

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CARBONATE OF POTASH
PRUSSIAN BLUE
CHROME OXIDE GREEN
CREAM OF TARTAR U.S.P.
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Clove,[1] Madagascar, bls.....lb. .15½- .16
futures, bls.....lb. .15½- .16
Zanzibar, bls.....lb. .17 - .17½
futures, bls.....lb. .17 - .17½

Clover tops, red, dom., bgs...lb. .50 - .55
imported, bgs.....lb. No stocks

Coaltar, coal-gas, crude, bbls., c.l., works..bbl. 8.25 - —
l.c.l., works.....bbl. 8.75 - —
tanks, works.....gal. .07½- —
refd., bbls., c.l., works...bbl. 8.75 - —
l.c.l., works.....bbl. 9.25 - —
tanks, works.....gal. .08½- —
water-gas, crude, dms., c.l., works..bbl. 8.25 - —
l.c.l., works.....dm. 8.75 - —
refd., dms., c.l., works...dm. 9.25 - —

Cobalt acetate,[6] bbls., kgs., dlvd., lb. .83¾- —
feed grade, 49.5% Co, kgs..lb. 1.25 - —

Carbonate,[6] powd., bgs., works, lb. 1.58 - —
feed grade, 23% Co, kgs...lb. 1.85 - —
Chloride, kgs., works.....lb. .87½- —
feed grade, 24.5% Co, kgs..lb. 1.25 - —
Hydrate,[6] bbls.....lb. 2.04 - —
feed grade, 62% Co, kgs...lb. 2.25 - —
Linoleate, paste, 5%, dms....lb. .32 - .35
solid, 8½%, dms.....lb. .44 - —
Nitrate, feed grade, 20.4% Co, kgs..lb. 1.25 - —
Oleate, bbls.....lb. .44 Nom.
Oxide,[6] black, kgs.....lb. 1.84 - —
Phosphate, feed grade, 34% Co, kgs..lb. 1.75 - —
Resinate, precip., 7.5% Co, 100-lb. dms..lb. .38½- —
Soyate, 8%-8.5% Co, 50-gal. dms..lb. .42 - .44
Sulphate,[6] dms.....lb. .65 - —
feed grade, 21% Co, kgs....lb. 1.00 - —

Cobalt salts, feed grade, quotations are f.o.b. Philadelphia, Cleveland or New York.

Cobalt-ammonium sulphate, 14% Co, kgs..lb. .75 - —

Cocaine hydrochloride, 100-oz. lots, cns..oz. 9.75 - —

Cochineal, gray, bgs.....lb. .37 - .38
silver, Teneriffe, bgs.....lb. .38 - .39

Cocoa butter,[1,7] bulk, ship. pt.lb. .25 - —

Cocillana bark, bgs.....lb. No prices

Codeine, cns., 100 ozs.....oz. 11.70 - —
Hydrochloride, cns., 100 ozs.oz. 10.50 - —
Phosphate, cns., 100 ozs.....oz. 9.00 - —
Sulphate, cns., 100 ozs.....oz. 9.50 - —

Codliver oil (see Oil, codliver).

Cohosh root, black, bls.....lb. .18 - .19
blue, bls.....lb. .22 - .23

Colchicine, bots., cns.....oz. No stocks
Colchicum seed.....lb. No stocks
Collodion, USP, dms.....lb. .19½- .20½
cns.....lb. .23 - .29½
Flexible, USP, dms.....lb. .21 - .22
cns.....lb. .25 - .31

Colocynth pulp, bls.....lb. .55 - .60
Colombo root, bls.....lb. .16½- .17
Coltsfoot leaves, bgs.....lb. No stocks
Condurango bark, bgs.....lb. .12 - .15
Copaiba balsam, Para, cns....lb. .90 - .95
S. A., USP, cns.....lb. No stocks

Copper acetate, cupric, bbls., works..lb. .25¼- —
smaller containers, wks...lb. .27 - —
Carbonate, 52-54%, bbls.....lb. .19½- .20½
Chloride, anhyd., bbls.....lb. .22½- .23
crystals, bbls.....lb. .14¾- .17
Cyanide, tech., bbls.....lb. .34 - .38
Iodide, bots.....lb. 5.15 - 5.19
Metal,[1] electrolytic.....lb. .12 - .12½
Naphthenate, 6%-8% Cu, 50-gal. dms..lb. .15 - .17
Nitrate,[1] tech., cryst., bbls..lb. .19¼- .20¼
Oleate, precip., bbls.....lb. .22½- .23½
Oxide, black, bbls., works...lb. .19 - .20
red, com'l, bbls., works....lb. .21 - .24½
Oxychloride-sulphate,[6] bgs...lb. .17 - .20
Resinate, precip., 8.3% Cu, 125-lb. dms..lb. .15½- .16

Copper sulphate,[1] 99%, cryst., bgs., c.l., works..100 lbs. 5.00 - —
l.c.l., 700 to 36,000 lbs.. 100 lbs. 5.00 - 5.50
monohydrated, bgs., in dms., 36,000-lb. lots, dlvd.100 lbs. 10.20 - —
smaller lots, dlvd..100 lbs. 10.95 - —
dms., c.l., dlvd.....100 lbs. 8.95 - 9.20
l.c.l., dlvd.....100 lbs. 9.95 - 10.20

Copperas, cryst., gran., bgs., c.l., works..ton. 17.00 - —
l.c.l., works.....100 lbs. 1.55 - 2.00
bbls., c.l., works.....ton. 20.00 - —
bulk, c.l., works.....ton. 14.00 - —

Copra,[7] Coast, ship't.....lb. No prices

Coriander[1] seed, Argentine, bgs. lb. .09½- .10
Indian, bgs.....lb. No stocks
Morocco, bgs.....lb. .09½- .10

Cornsilk, futures, new crop, bls. lb. .45 - .46

Corn sugar, tanners, chipped, bgs., c.l., dlvd..100 lbs. 3.905 - —
slabs, bbls., c.l., dlvd.... 100 lbs. 3.825 - —
Syrup, 42°, bbls., c.l., dlvd. 100 lbs. 4.221 - —
43°, bbls., c.l., dlvd..100 lbs. 4.271 - —

Corrosive sublimate,[3] cryst., dms., 50 lbs. or more..lb. 2.07 - —
gran., powd., dms., 50 lbs. or more..lb. 1.92 - —

Cottonroot bark, bls.....lb. .20 - .21

Cottonseed hull ash, 32-36% pot-ash, bgs., dlvd..unit-ton. 1.20 - —
Meal,[1,7] 41% protein, bulk, Memphis, c.l..ton. 45.00 - 49.75

Coumarin,[1] cns., 5 lbs. or more.. lb. 2.75 - —
smaller lots.....lb. 2.90 - 3.10

Cramp bark, NF, bls.....lb. .80 - .81

Cream of tartar, dom., USP, gran. or powd., bbls., 5,000 lbs. one ship't..lb. .57½- —
smaller lots, bbls., kgs., lb. .58 - .58½
Imported, bbls.....lb. .50 - .55

Creosote carbonate, bots., cbys., lb. 2.10 - 2.30

Coaltar (see Cresol).

Oil,[2] coaltar, crude, tanks, works..gal. .15½- —
refined, dms., c.l., works, gal. .247 - .3325
l.c.l., same basis....gal. .26 - .35
tanks, same basis....gal. .18 - .18½
solution, tanks, works....gal. .141 - —
Wood, beech, bots., cbys....lb. .85 - 1.04
Hardwood, USP, bots.....lb. .60 - .77
Pine, dms.....gal. .28 - —

Cresol,[3,6] special resin grades, dms., c.l., works, frt. equald., lb. .09½- .10¼
l.c.l., same basis.....lb. .10 - .11
tanks, same basis.....lb. .08¾- .09¾
USP, dms., c.l., same basis..lb. .10¾- .11¾
l.c.l., same basis.....lb. .11¼- .11¾
tanks, same basis.....lb. .10 - .10¼

Crotonaldehyde, 97%, l.c.l., 55 and 110-gal. dms..lb. .15 - —
5 and 10-gal. dms., works.. lb. .16 - —

Cryolite, nat.,[4] bgs., bbls., c.l., works..100 lbs. 9.50 - 9.75
bbls., l.c.l., works.....100 lbs. 10.00 - —

synth.,[4] bgs., bbls., c.l., frt. alld. E. of Miss. R..lb. .06½- —
l.c.l., works.....lb. .09¼- —

Cube root, 5% rotenone, bbls., works..lb. .40 - —
4% rotenone, bbls., works..lb. .32 - —

Cubeb berries, XX, bgs.....lb. No stocks
powd., cs.....lb. No stocks

Culver's root, bls.....lb. .25 - .26

Cumin seed, Cyprus, bgs.....lb. No stocks
Indian, bgs.....lb. No stocks
Morocco, bgs.....lb. No stocks
Persian, bgs.....lb. No stocks

Cutch, bgs.....lb. No stocks

Cyanamid,[3] fertilizer mixing grades, guaranteed, 20.6% N, gran., bulk, Niagara Falls, Ont., contracts, bulk, unit-ton. 1.62½- —
21% N., pulv., bgs., same basis..unit-ton. 1.52½- —

Cyclohexane, tech., dms., c.l., works..lb. .10½- —
l.c.l., works.....lb. .11 - —
tanks, works.....lb. .09½- —

Cyclohexanol, 98 - 100%, dms., works..lb. .21 - .23

Cyclohexanone, 97½% min., dms., c.l., works..lb. .30 - .32
tech., dms., c.l., works.....lb. .30 - —
l.c.l., works.....lb. .30½- —
tanks, works.....lb. .29 - —

Cyclopropane, USP, cyls., dlvd., gal. .27 - —

D

Damiana leaves, bls.....lb. .18 Nom.
Dandelion root, bls.....lb. .48 - .50

DDT, fiber, dms., c.l., works..lb. .45 - —
ton lots, works.....lb. .50 - —
tins, smaller lots, works..lb. .53 - .60

Decanol, normal, tech., dms., dlvd..lb. .35 - —
Deertongue, bls.....lb. .34 - .35
Defluorinated phosphate,[1] paper bgs., works..ton. 34.25 - —
Degras,[1] common, bbls.....lb. .10 - .12
neutral, less 2% ffa, bbls....lb. .28 - .30
over 2% ffa, bbls.....lb. .28½- .28¾
Derris root (see Cube root).

Dextrin, British gum, bgs., c.l., 100 lbs. 5.29 - —
Chicago .....100 lbs. 4.93 - —
l.c.l. .....100 lbs. 5.39 - —
Chicago .....100 lbs. 5.03 - —
Corn, canary, bgs., c.l..100 lbs. 5.04 - —
Chicago .....100 lbs. 4.68 - —
l.c.l. .....100 lbs. 5.14 - —
Chicago .....100 lbs. 4.78 - —
white, bgs., c.l.....100 lbs. 4.97 - —
Chicago .....100 lbs. 4.61 - —
l.c.l. .....100 lbs. 5.07 - —
Chicago .....100 lbs. 4.71 - —
Potato, bgs., c.l.....lb. .10 - —
l.c.l. .....lb. .10¼- .11¾

Diacetone (see Alcohol, diacetone).

Diacetyl, flavor grades, bots..lb. 5.00 - 8.50
laboratory grade, bots..... 100 grams. 4.50 - —
tech., bots., works.....lb. 3.00 - —

Diamyl ether (see Amyl ether)
Phthalate,[6] dms., c.l., dlvd..lb. .2170- .2200
l.c.l., dlvd.....lb. .2220- .2250
tanks, dlvd.....lb. .2070- .2100
Sulphide, l.c.l., dms., works.lb. .25 - —

Diamylamine, dms., c.l., works. lb. No stocks
l.c.l., works.....lb. No stocks

Diatomaceous earth, dom., CP. bgs., c.l., Atlantic coast..lb. .07 - —
l.c.l., ex whse.....lb. .10 - .16
nat., bgs., c.l., Pacific coast. ton. 22.00 - 25.00
l.c.l., ex whse.....ton. 45.00 - —
purified, bgs., c.l., Atlantic coast..ton. 55.00 - 59.00
l.c.l., ex whse.....ton. 85.00 - 90.00
imported, Algerian, bgs., c.l., Atlantic coast..ton. No prices
Mexican, white, bgs., c.l., Atlantic coast..lb. .02 - .03
l.c.l. .....lb. .04 - .06

Dibutyl phthalate,[6] 5-gal. cns., works..lb. .2320- .2900
1-gal., cns., works.....lb. .2520- .3100
dms., c.l., works.....lb. .1770- .2350
l.c.l., works.....lb. .1820- .2400
tanks, works.....lb. .1670- .2250
Sebacetate, dms., c.l., works.lb. .4800- .5075
l.c.l., works.....lb. .4850- .5125
tanks, works.....lb. .4600- .4975
Tartrate, dms., works, frt. alld. lb. .92 - 1.02

Dibutylamine, dms., c.l., works.. lb. .66 - —
l.c.l., works.....lb. .69 - —

Dichlorodiphenyltrichlorethane (see DDT)

Dichloroethyl ether,[6] purified, dms., c.l., works, frt. equald with So. Charleston..lb. .16 - —
l.c.l., same basis.....lb. .17 - —
tanks, same basis.....lb. .15 - —

Diethanolamine,[6] dms., c.l., frt. alld. in E..lb. .23½- —
l.c.l., same basis.....lb. .24½- —
tanks, same basis.....lb. .22½- —

Diethyl carbonate, com'l, dms.lb. .25 - —
refd., 99%, dms.....lb. .30 - —
Oxalate, dms., c.l., dlvd.....lb. .30½- —
l.c.l., dlvd.....lb. .31 - —
Phthalate,[6] dms., c.l., dlvd.lb. .2025- .2120
l.c.l., dlvd.....lb. .2075- .2170
tanks, dlvd.....lb. .1925- .2050
Sulphate, dms., c.l., works...lb. .14 - —
l.c.l., works.....lb. .15 - —
tanks, works.....lb. .13 - —

Diethylamine, dms., c.l., works.lb. .76 - —
l.c.l., works.....lb. .81 - —

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Drums, barrels, containers, all of sturdy steel, fed our far-flung forces in the war with gasoline, oil, chemicals and vital replacement parts.
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Diethylaminoethanol, dms., l.c.l., works, frt. alld. E. of Miss. R..lb. .75 - —
Diethylaniliin, dms.....lb. .40 - —
Diethyleneglycol, dms., c.l., frt. alld. in E..lb. .14 - —
l.c.l., same basis.....lb. .15 - —
tanks, same basis.....lb. .13 - —
Monobutylether, dms., c.l., works..lb. .22 - —
l.c.l., works.....lb. .23 - —
tanks, works.....lb. .21 - —
Monoethylether, dms., c.l., wks. lb. .15½- —
l.c.l., works.....lb. .16½- —
tanks, works.....lb. .14½- —
Digitalis leaves, dms.....lb. 1.10 - 1.15
Diglycol laurate, dms.....lb. .31 - .32
Oleate, light, bbls., c.l.....lb. .17 - —
Stearate, bbls., c.l.....lb. .22 - —
Dihydroxydichlorodiphenylmethane, dms., works or N.Y. met.lb. .95 - 1.00
smaller containers, same basis lb. 1.05 - 1.40
Di-isobutyl ketone, dms., works, lb. .19 - —
Dillseed, natural cleaned, bgs., lb. No stocks
decorticated, bgs.....lb. .13 - .13½
dewhiskered, bgs.....lb. .08½- .09
Dimethyl phthalate,[6] dms., c.l., divd..lb. .18¾- —
l.c.l., divd.....lb. .19¼- —
tanks, divd.....lb. .17¾- —
Dimethylamine, dms., c.l., divd. lb. .85 - —
l.c.l., divd.....lb. .90 - —
Dimethylanilin, dms., c.l.....lb. .21 - —
l.c.l. .....lb. .22 - —
Dinitrobenzene, bbls.....lb. .18 - —
Dinitrochlorobenzene, dms.....lb. .14 - —
Dinitronaphthalene, kgs.....lb. .35 - .38
Dinitrophenol, bbls.....lb. .22 - —
Dinitrotoluene, dms.....lb. .18 - —
oily, dms.....lb. .05 - —
Diorthotoluolguanidin,[5] dms., ton lots, divd..lb. .44 - —
smaller lots, divd.....lb .46 - .47
Dioxan, dms., c.l., frt. alld..lb. .20 - —
l.c.l., same basis.....lb. .21 - —
tanks, same basis.....lb. .19 - —
Dip oil (see Tar acid oil).
Dipentene,[1] destructive dist., dms., divd. E..gal. .55 - .56
tanks, divd. E.....gal. .45 - —
steam-dist., dms., divd. E..gal. .56 - .58
tanks, divd. E.....gal. .52 - .53
Diphenyl,[6] bbls., c.l., works...lb. .15 - —
l.c.l., works.....lb. .16 - .20
Oxide, perfume grade, cns...lb. .48 - .50
dms. .....lb. .43 - .45
Diphenylamine, bbls.....lb. .25 - —
Diphenylguanidin,[5] dms., tons.lb. .35 - —
smaller lots.....lb. .36 - .37
Divi-divi,[1,5] 42% tannin, c.l., U.S. ports, ex dock..ton.69.50 - —
Doggrass root, dom., cut, bls.lb. .30 - .35
imp., NF, cut, bls.....lb. .50 - .55
Dogwood, Jamaica, bark, bls..lb. .10 - .11
Dover's powder, USP, cns....lb. 2.75 - —
Dragon's blood, drops, cs.....lb. .55 - .60
reeds, cs.....lb. No stocks
Dyes, coaltar (certified colors for foods, drugs and cosmetics), 5-lb. lots—
Blue, FD&C, No. 1, cns.....lb.13.00 - —
Green, FD&C, No. 1, cns....lb.13.00 - —
No. 2, cns.....lb.17.00 - —
No. 3, cns.....lb.27.00 - —
Orange, FD&C, No. 1, cns..lb. 2.90 - —
No. 2, cns.....lb. 3.55 - —
Red, FD&C, No. 1, cns.....lb. 5.75 - —
No. 2, cns.....lb. 3.05 - —
No. 3, cns.....lb.17.00 - —
No. 4, cns.....lb. 5.50 - —
No. 32, cns.....lb. 4.05 - —
Yellow, FD&C, No. 1, cns..lb. 8.00 - —
No. 3, cns.....lb. 2.55 - —
No. 4, cns.....lb. 2.55 - —
No. 5, cns.....lb. 3.05 - —
No. 6, cns.....lb. 3.05 - —
Dyes, coaltar (certified colors for drugs and cosmetics)—
Black, D&C, No. 1, cns.....lb. 8.35 - —
Blue, D&C, No. 4, cns.....lb.12.35 - —
Brown, D&C, No. 1, cns....lb.12.35 - —
Green, D&C, No. 5, cns.....lb.12.35 - —
No. 6, cns.....lb.12.35 - —
Orange, D&C, No. 5, cns....lb. 8.35 - —
No. 4, cns.....lb.15.35 - —
No. 10, cns.....lb.15.35 - —
Red, D&C, No. 8, cns.....lb. 2.85 - —
No. 17, cns.....lb. 8.35 - —
No. 18, cns.....lb.15.35 - —
No. 19, cns.....lb.15.35 - —
No. 22, cns.....lb. 8.35 - —
No. 33, cns.....lb.13.35 - —
No. 37, cns.....lb.12.35 - —
Yellow, D&C, No. 7, cns....lb. 8.35 - —
No. 8, cns.....lb. 8.35 - —
No. 11, cns.....lb.10.35 - —
Dyes, coaltar (certified colors for external use drugs and cosmetics)—
Blue, Ext. D&C, No. 1, cns..lb.12.35 - —
Green, Ext., D&C, No. 1, cns. lb.12.35 - —
Red, Ext. D&C, No. 1, cns..lb.10.35 - —
No. 3, cns.....lb.21.85 - —
No. 8, cns.....lb. 7.85 - —
No. 10, cns.....lb.12.35 - —
No. 13, cns.....lb.12.35 - —
Yellow, Ext. D&C, No. 1, cns. lb. 8.35 - —
Dyes, coaltar, for general uses[3] (numbers are those of Colour Index scale)—
36 Chrome yellow, 2G...lb. .65 - .70
40 Chrome yellow R.....lb. .50 - 1.00
53 Victoria violet.....lb. .80 - 1.00
165 Lake red C.....lb. .70 - .80
170 Fast red A[4].....lb. .58 - .60
180 Fast red VR.....lb. 1.50 - 1.60
189 Lake red R, paste...lb. .85 - .90
189 Lake red R, powd....lb. 3.00 - 3.10
202 Chrome blue black U.lb. .35 - .42
204 Chrome black A.....lb. .42 - .45
208 Fast red blue R.....lb. .75 - 2.00
216 Chrome red B.....lb. 1.75 - 2.00
262 Cloth red 2B.....lb. .60 - .80
289 Fast cyanin 5R.....lb. .90 - 1.00
299 Chrome black F.....lb. .85 - .88
304 Paper yellow.....lb. .83 - .90
307 Fast cyanin black B.lb. .80 - .85
326 Direct fast scarlet...lb. 2.00 - 2.25
365 Chyrophenin G.....lb. .58 - .70
382 Direct scarlet B.....lb. 1.15 - 1.20
387 Direct violet B.....lb. 1.00 - 1.30
394 Direct violet N.....lb. .80 - .85
401 Developed black BHN. lb. .45 - .60
406 Direct blue 2B.....lb. .66 - .70
415 Direct orange B.....lb. .60 - .70
419 Direct fast red F....lb .70 - .72
420 Direct brown M.....lb. .55 - .57
448 Benzo purpurin 4B...lb. .65 - .68
495 Benzo purpurin 10B..lb. .40 - .50
502 Direct azcrin G.....lb. .75 - .80
512 Direct blue RD.....lb. .80 - 1.00
518 Direct pure blue 6B..lb. 1.20 - 1.30
520 Direct pure blue.....lb. .50 - 1.00
529 Direct fast black FF.lb. .55 - 1.00
581 Direct black BW....lb. .50 - .54
582 Direct black RX.....lb. .35 - .45
592 Direct green B.....lb. .50 - .55
594 Direct green G.....lb. .50 - .55
596 Direct brown 3GO...lb. .85 - 1.00
620 Direct yellow R.....lb. 1.25 - 1.50
698 Acid violet.....lb. 1.00 - 3.00
812 Primulin .....lb. .70 - .73

Dyes, coaltar, for general uses[3] (numbers are those of Colour Index scale)—
814 Direct fast yellow....lb. 2.00 - 2.25
845 Nigrosin (water soluble). lb. .35 - .50
1177 Indigo, 20% paste....lb. .15 - .18
Benzo fast black L.lb. .90 - 1.00
Sulphur black.....lb. .20 - .25
Sulphur blue.....lb. .45 - 1.00
Sulphur brown.....lb. .25 - .50
Sulphur maroon....lb. .40 - —
Sulphur tan.....lb. .30 - .50
Sulphur olive.....lb. .25 - .54
Sulphur yellow.....lb. .30 - .50
Zambesi black.....lb. .75 - .80

Dyes, coaltar, for stains, oil-soluble (prices in barrels of 250 lbs. each; 25 lb. lots and up, 3c. per lb. higher, sellers' works or warehouse).
Black—
865 Nigrosin derivatives...lb. .36 - .44
Blue—
1075 Alizarin astral base...lb.15.00 - —
1078 Alizarin cyanin, green base..lb. 6.00 - —
Brown—
Brown .....lb. 1.15 - —
Green—
1078 Alizarin cyanin green.lb. 5.00 - —
Green .....lb. .75 - —
Orange—
24 Sudan I.....lb. .75 - —
Red shade.....lb. .75 - —
Red—
75 Sudan II.....lb. 1.05 - —
258 Sudan IV.....lb. .85 - —
680 Oil violet.....lb. .50 - —

Dyes, coaltar, for stains, oil-soluble (prices in barrels of 250 lbs. each; 25 lb. lots and up, 3c. per lb. higher, sellers' works or warehouse).
749 Rhodamine B (oil pink). lb. 2.50 - —
1080 Anthraquinone,[6] violet base..lb. 6.00 - —
Yellow—
15 Amidoazobenzene yellow..lb. .90 - —
17 Amidoazotoluene yellow, lb. .75 - —
61 Yellow OB.....lb. 1.40 - 2.00

Dyes, coaltar, for stains, spirit-soluble (prices in barrels of 250 lbs. each; 25 lb. lots and up, 3c. per lb. higher, sellers' works or warehouse).
Black—
246 Naphthol blue black S.. lb. .50 - —
729 Victoria blue B.....lb. 1.85 - —
801 Indulin .....lb. .67 - —
873 Methylene gray.....lb. 1.50 - —
909 New blue P.....lb. 1.20 - —
922 Methylene blue.....lb. 1.00 - —
1054 Alizarin saphirol B...lb. 1.90 - —
1180 Indigotin IA.....lb. .95 - —
Blue—
714 Patent blue A.....lb. 1.05 - 1.10
Brown—
231 Bismarck brown G...lb. .47 - .60
234 Resorcin brown Y....lb. .85 - —
235 Resorcin dark brown R, lb. .66 - —
332 Bismarck brown R...lb. .47 - .62
793 Phosphin .....lb. 4.65 - —

Dyes, coaltar, for stains, oil-soluble (prices in barrels of 250 lbs. each; 25 lb. lots and up, 3c. per lb. higher, sellers' works or warehouse).
Green—
5 Naphthol green B....lb. 1.00 - —
667 Malachite green.....lb. 1.35 - —
662 Brilliant green.....lb. 2.00 - —
666 Guinea green B.....lb. 1.15 - —
737 Wool green S.....lb. .58 - —
924 Methylene green B...lb. 1.55 - —
1078 Alizarin cyanin green.lb. 2.00 - —
Orange—
19 Chrysodin G.....lb. .44 - —
21 Chrysodin R.....lb. .41 - —
27 Orange G.....lb. .50 - —
31 Amidonaphthol red G.lb. .42 - —
37 Amidonaphthol red 6B, lb. .83 - —
151 Orange Y.....lb. .31 - .38
161 Orange R.....lb. .34 - —
Red—
79 Ponceau R.....lb. .46 - —
88 Fast red B.....lb. 1.65 - —
176 Fast red A[6].....lb. .54 - —
179 Azorubin .....lb. .60 - —
183 Crocein scarlet 3BX..lb. .72 - .75
185 Cochineal red A.....lb. .60 - —
252 Brilliant crocein M...lb. .68 - —
677 Fuchsin .....lb. 2.10 - —
749 Rhodamine B.....lb. 3.50 - —
752 Rhodamine 6B.....lb. 4.50 - —
768 Rosin G.....lb. 1.50 - —
841 Safranin .....lb. 1.45 - —
Violet—
680 Methyl violet B.....lb. .70 - .75
681 Crystal violet B.....lb. 1.75 - —
695 Acid violet 4BN.....lb. .88 - —

The spreading fleet of Dow tank cars is a friendly and ever-present symbol of American industry's vital chemical supply lines. As it rolls the rails from coast to coast, this mighty fleet completes a major phase of Dow's contribution to industrial production. The steady flow of Dow Phenol, an indispensable industrial chemical, fulfills Dow's position as the greatest of all phenol producers. Dow Phenol is true to the Dow standard of quality, and leading manufacturers take satisfaction also in Dow's constant efforts in behalf of expeditious delivery.

Phenol

DOW INDUSTRIAL CHEMICALS
Caustic Soda • Aniline Oil • Phenol • Glycols • Hydrochloric Acid • Chlorides • Epsom Salt • and more than 75 others.

THE DOW CHEMICAL COMPANY, MIDLAND, MICHIGAN
New York • Boston • Philadelphia • Washington • Cleveland • Detroit • Chicago • St. Louis • Houston
San Francisco • Los Angeles • Seattle

DOW
CHEMICALS INDISPENSABLE TO INDUSTRY AND VICTORY

Dyes, coaltar, for stains, spirit-soluble (prices E. in barrels of 250 lbs. each; 25-lb. lots and up, 3c. per lb. higher, sellers' works or warehouse).
Yellow—
10 Naphthol yellow S....lb. .88 - —
138 Metanil yellow.....lb. .56 - .58
636 Fast light yellow....lb. 1.25 - —
639 Xylene light yellow..lb. 1.15 - —
640 Tartrazin .....lb. .80 - —
655 Auramine .....lb. 1.27 - —
Dyes, coaltar, for stains, water-soluble (prices E. in barrels of 250 lbs. each; 25 lb. lots and up, 3c. per lb. higher, sellers' works or warehouse).
Black—
864 Nigrosin .....lb. .36 - .44
Blue—
880 Indulin .....lb. .60 - .70
Brown—
331 Bismarck brown.....lb. 1.50 - —
Green—
637 Malachite green base.lb. 2.00 - —
Orange—
20 Chrysoidin G.....lb. .95 - —
21 Chrysoidin R.....lb. .96 - —
Red—
677 Fuchsin, magenta, base. lb. 7.25 - —
749 Rhodamine R.....lb. 4.75 - —
Yellow—
67 Amidoazotoluene yellow. lb. .75 - —
655 Auramine .....lb. 2.00 - —
800 Chinolin yellow SS...lb. 2.00 - —
Violet—
680 Methyl violet base....lb. .85 - —
Dyes, natural (see name of article).

E

Echinacea root, bls.....lb. .75 - .80
Egg,[1,7] albumen (see Albumen).
Yolk,[1,7] dried, dom., bbls....lb. 1.05 - 1.11
imported .....lb. No stocks
Elder flowers, bright, bls.....lb. .65 - .70
Elecampane root, bls.....lb. .32 - .33
Elm bark, grinding, bls.....lb. .35 - .36
powd., bbls., bxs.....lb. .55 - .56
select, bndls.....lb. .55 - .56
Emetine hydrochloride, bots..oz.21.00 -33.00
Ephedra, bls.....lb. .28 - .30
Ephedrine, natural, USP, anhydrous, bots..oz. 1.15 - 1.65
Hydrochloride, tins.....oz. .95 - 1.45
Sulphate, tins.....oz. .95 - 1.45
Synthetic, USP, anhydrous, bots., 100 ozs..oz. .65 - —
hydrous, bots., 100 ozs..oz. .65 - —
Hydrochloride, tin, 100 ozs.. oz. .50 - —
Sulphate, cryst., tins, 100 ozs. oz. .48 - —
Epinephrine, synth., USP, bots. gram. .75 - —
Epsom salt, tech., cryst., bgs., c.l..100 lbs. 1.80 - 1.95
l.c.l. .....100 lbs. 2.15 - 2.40
dried, bgs.....lb. .03½- —
l.c.l., bgs.....lb. .04 - .07
USP, cryst., bgs., c.l..100 lbs. 2.00 - —
l.c.l., 5,000 lbs., 1 withdrawal..100 lbs. 2.25 - —
smaller lots....100 lbs. 2.50 - —
bbls., c.l.....100 lbs. 2.10 - —
l.c.l., 5,000 lbs., 1 withdrawal..100 lbs. 2.35 - —
smaller lots.....100 lbs. 2.60 - —
kgs., c.l.....100 lbs. 2.35 - —
l.c.l., 5,000 lbs., 1 withdrawal..100 lbs. 2.60 - —
smaller lots.....100 lbs. 2.85 - —
Epsom salt prices freight equalized with Balto., Carteret, N. J.; Chicago, Cincinnati, Cleveland, Houston, New Orleans, New York.
Ergot, USP, cs.....lb. 1.15 - 1.30
Eserine, bots.....oz. No prices
Sulphate, 1-gram. vials....vial. 2.10 - —
Ether, acetic (see Ethyl acetate).
Amyl (see Amyl ether).
Butyl, l.c.l., dms., divd.....lb. .30 - —
Ethyl (see Ether, sulphuric).
Nitrous, conc., bot., 100 lbs..lb. .93 - 1.10
Sulphuric, conc., dms.....lb. .11 - .16
USP anesthesia, hospitals, 1-lb. cns..lb. .60 - .61
Synthetic, dms., c.l., wks...lb. .14½- —
l.c.l., works.....lb. .15½- —
tanks .....lb. .12½- —
Ethyl acetate,[2] 85-90%, dms., c.l., frt. alld..lb. .1050- .1200
l.c.l., frt. alld.....lb. .1100- .1250
tanks, frt. alld.....lb. .0950- .1100
95-98%, dms., c.l., frt. alld.. lb. .1075- .1275
l.c.l., frt. alld.....lb. .1125- .1325
tanks, frt. alld.....lb. .0975- .1175
NF, dms.....lb. .14½- .15½
Acetoacetate, dms., c.l., works. lb. .37½- —
l.c.l., frt. alld.....lb. .38 - —
Benzoate, bots.....lb. .90 - 1.00
Bromide, tech., dms.....lb. .50 - .55
Carbamate, dms., divd. E...lb. .58 - —
Chloride, tech., dms.....lb. .18 - .20
USP, bbls., cyl.....lb. .20 - .22
Cinnamate, cns.....lb. 3.25 - 3.85
Formate, dms., Agnue, Calif., lb. .26 - .32
Iodide, bots.....lb. 3.50 - 3.60
Lactate, dms., works.....lb. .33½- .39½
Myristate, dms., works.....lb. .55 - —
Oenanthate, dms.....lb. 1.50 - 1.75
Oleate, dms., l.c.l., works...lb. .47 - —
Oxalate, dms., frt. alld.....lb. .33 - —
Silicate, dms., l.c.l., works..lb. .77 - —
Ethylcellulose,[6] pkgs., 5,000 lbs. or more, works..lb. .50 - —
smaller lots, works.....lb. .52 - .60
Ethyldiethanolamine, dms., l.c.l., works..lb. .30 - —
Ethylene dichloride,[4] dms., c.l., works, frt. alld. E. of Rockies, frt. alld..lb. .0842- —
West of Rockies..lb. .0891- —
l.c.l., works, frt. alld. E. of Rockies..lb. .0891- —
West of Rockies..lb. .0941- —
tanks, frt. alld. E. of Rockies, lb. .0743- —
West of Rockies..lb. .0793- —
Trichloride (see Trichloroethane).
Ethyleneglycol, dms., c.l., frt. alld. in E..lb. .10 - —
l.c.l., same basis.....lb. .11 - —
tanks, same basis.....lb. .09 - —
Monobutylether, dms., c.l., wks. lb. .17½- —
l.c.l., works.....lb. .18½- —
tanks, works.....lb. .16½- —
Monoethylether, dms., c.l., wks. lb. .15½- —
l.c.l., works.....lb. .16½- —
tanks, works.....lb. .14½- —
Monoethylether acetate, dms., c.l., works..lb. .13½- —
l.c.l., works.....lb. .14½- —
tanks, works.....lb. .12½- —
Monoethylether, dms., c.l., wks. lb. .16½- —
l.c.l., works.....lb. .17½- —
tanks, works.....lb. .15½- —
Ethylethanolamine, dms., c.l., works..lb. .57 - —
l.c.l., works.....lb. .60 - —
Ethylmonoethanolamine, l.c.l., dms., works..lb. .80 - —
Ethylmorphine hydrochloride, bots..oz.10.50 -10.75
Ethylvanillin,[1] cns., 5 lbs. or more..lb. 5.25 - —
smaller lots.....lb. 5.30 - 5.40
Eucalyptol, cns., dms.....lb. 2.75 - 3.00
Eucalyptus leaves, bls.....lb. .10 - .18
Eugenol, cns., dms.....lb. 2.65 - 3.25
Euphorbia, bls.....lb. .12 - .13

F

Feldspar, enamel, 100 mesh, l.c.l., bgs., min. 2 tons..ton.17.00 -20.50
bulk, c.l.....ton.14.00 -17.50
glass, 20 mesh, bgs., l.c.l., works, min. 2 tons..ton.12.75 -16.25
bulk, c.l.....ton. 9.75 -12.25
pottery, bgs., l.c.l., works, min. 2 tons..ton.20.00 -22.00
bulk, c.l., works.....ton.17.00 -19.00
Fennel seed, Argentine, bgs..lb. .16½ Nom.
Indian, bgs.....lb. .16½ Nom.
Fenugreek, domestic, bgs.....lb. .13½- .14
Indian, bgs.....lb. No stocks
Morocco, bgs.....lb. .07¾- .08¼
Ferric sulphate, anhyd., bgs., c.l., works..ton.35.00 - —
l.c.l., works.....ton.40.00 - —
Film scrap, colored, cs., works.lb. .13½- .15
water-white, cs., works.....lb. .14½- .17
Fir balsam, Canada, cns.....gal.18.50 -19.00
Oregon, bbls.....gal. 2.45 - 2.50
Fishberries, bgs.....lb. .24 - .25
Fishliver oils (see Oil, fishliver).
Fishmeal,[1,7] grd., 60% protein, bgs., E. works..ton.72.50 - —
65% protein, bgs., E. works. ton.78.50 - —
Fishscrap,[7] dried, 60% protein, bulk, East coast..ton.66.50 - —
Flake, white, bbls.....lb. .09 - —
kegs .....lb. .11 - —
Fleaseed, dom., French-type, bgs. lb. .62 - .64
French, black, bgs.....lb. No stocks
Indian, blonde, bgs.....lb. .12 - .13
Fluorspar, No. 1, ground, 95-98% CaF_2, bulk, c.l., mines. net ton.37.00 - —
washed, gravel, 70% or more CaF_2, c.l., bulk, mines..ton.33.00 - —
65%, c.l., bulk, mines....ton.32.00 - —
60%, c.l., bulk, mines....ton.31.00 - —
less than 60%, c.l., bulk, mines..ton.30.00 - —
Formaldehyde,[1] bbls., c.l., works. lb. .0520- —
l.c.l., works.....lb. .0570- —
dms., extra, c.l., works.....lb. .0460- —
l.c.l., works.....lb. .0510- —
tanks, works.....lb. .0320- —
tanktrucks, divd. N.Y.C.....lb .0345- —
Fringetree bark, bls.....lb. .55 - .56
Fuller's earth, dom., powd., bgs., c.l., Fla., Ga. mines..ton. 8.50 -15.00
Tex. mines.....ton.12.50 - —
spent, bulk, Bayonne....ton. 3.00 - —
Chicago .....ton. 4.00 - —
imp., bgs., c.l.....ton.30.00 -40.00
Furfural, ref., dms., c.l., works. lb. .15½- —
cns., dms., l.c.l., works....lb. .18½- .35½
tech., dms., c.l., works.....lb. .13 - —
l.c.l., cns., dms.....lb. .15½- .20½
tanks, works.....lb. .09¼- —
Fusel oil, crude, dms., works.gal. .75 - —
refd., dms., divd.....lb. .18½- .19½
Fustic extract, cryst., No. 1, bbls., l.c.l..lb. .33 - —
No. 1A, bbls., l.c.l.....lb. .34 - —
No. 2, bbls., l.c.l.....lb. .33 - —
No. 3, bbls., l.c.l.....lb. .31 - —
liquid, No. 0, bbls., l.c.l...lb. .19 - —
No. 1, bbls., l.c.l.....lb. .17½- —
No. 2, bbls., l.c.l.....lb. .16½- —
No. 3, bbls., l.c.l.....lb. .14 - —
solid, No. 1, bxs., l.c.l....lb. .26¾- —

G

G salt, bbls.....lb. .45 - —
Galangal root, bls.....lb. .24 - .25
Gambier, cube, Singapore, cs..lb. No stocks
Extract, bbls.....lb. No stocks
Gammapicoline, 95%, dms., c.l., works..lb. 1.35 - —
Gasoline[1] at refinery, ex tax, Arkansas, 70-74 octane, tanks. gal. .05⅞- —
Bayonne, 70-74 oct., tanks... gal. .03 - —
Gulf Coast, 70-74 oct., tanks. gal. .05⅝- —
Group 3, 70-74 oct., tanks... gal. .05⅞- —
Pennsylvania, western, US motor, 70-74 octane, leaded, tanks..gal. .0655- .0775
natural, 26/70, Group 3, tanks. gal. .04½- .04¾
Gelatin, silver label, ctns., divd. lb. .90 - .97
export, cs.....lb. 1.00 - —
Silver label prices 5c. higher for deliveries in Ariz., Calif., Colo., Idaho, Mont., Nev., N. Mex., Ore., Tex., Utah, Wash. and Wyo.
Gelsemium root, bls.....lb. .19 - .20
Gentian root, bls.....lb. .34 - .35
grd., bbls., bxs.....lb. .36 - .37
powd., bbls., bxs.....lb. .37 - .38
Geraniol, 92-96%, cns, dms....lb. No prices
Geranyl acetate, cns.....lb. 3.50 - 3.60

HERCULES CARBOY BOXES

SPECIFICATIONS

- Size shown—17½"x17½"x22"—for 13 gallon carboy.
- Furnished complete with carboy. Weight without carboy, approximately 41 lbs.
- Heavy corner posts and smooth specially selected wood. Compactly built for shipping purposes.
- Various Multiple Bottle Boxes available. Any style, type or capacity.
- Meets all requirements and tests of the I. C. C. and The Bureau of Explosives.

THE extra protection of the "Hercules" is due to its patented cork-cushioning construction, which suspends the carboy and absorbs impact force. The result is a reduction in bottle-breakage to an absolute minimum. Cork-cushioning eliminates the need for additional packing material such as hay or wool, and thus reduces the weight. The snug shape and the cork resilience makes your packing problems a cinch! No skilled labor is required. Just drop the carboy in . . . it's packed!

HERCULES CARBOY BOX COMPANY

NATIONAL BOX AND LUMBER CO.

HOME OF HERCULES CARBOY BOXES • NEWARK 5, N. J.

Ginger,[1] African, No. 1, bls...lb. .15½- .16
Calicut, bgs.....lb. .16½- .17
Romeo-type, bgs.....lb. .16½- .17
Cochin, bleached, bgs.....lb. .17½- .18
unbleached, bgs.....lb. .16½- .17
Jamaica, No. 1, bgs.....lb. .23 - .23½
No. 2, bgs.....lb. .21½- .22
No. 3, bgs.....lb. .17½- .18
Rhattoon, bgs.....lb. .17½- .18
Rhattoon, bgs.....lb. .17¼- .17¾
Glaubers salt, anhyd. (see Soda sulphate).
cryst., bgs., bbls., works.... 100 lbs. 1.05 - 1.45
Glue, bone, calcium type, 24 millipoise, 38 jellygrams, bgs., c.l., East of Midwest. lb. .16 - —
30/58, bgs., c.l., same basis..lb. .15½- —
55/82, bgs., c.l., same basis..lb. .17 - —
82/108, bgs., c.l., same basis..lb. .18½- —
Bone glue, l.c.l. prices 1c. higher than c.l.
Hide,[1] 100-121 (jelly test in grams), bgs., c.l., dlvd..lb. .14 - .21½
122-149, bgs., c.l., dlvd....lb. .15 - .22½
150-177, bgs., c.l., dlvd....lb. .16 - .23½
178-206, bgs., c.l., dlvd....lb. .17 - .24½
207-236, bgs., c.l., dlvd....lb. .18 - .25½
237-266, bgs., c.l., dlvd....lb. .19 - .26½
267-298, bgs., c.l., dlvd....lb. .20 - .27½
299-330, bgs., c.l., dlvd....lb. .21 - .28½
331-362, bgs., c.l., dlvd....lb. .22 - .29¼
363-394, bgs., c.l., dlvd....lb. .23 - .30½
395-427, bgs., c.l., dlvd....lb. .24 - .31½
428-460, bgs., c.l., dlvd....lb. .25 - .33½
461-494, bgs., c.l., dlvd....lb. .26 - .33½
495-529, bgs., c.l., dlvd....lb. .27 - .34½
Hide glue l.c.l. prices 1c. higher than c.l.; bbls., ½c. over bgs.
Glycerin, crude, sapenification, 88%, to refiners, tanks...lb. .12¾- —
soaplye, 80%, tanks.....lb. .11½- —
dynamite, dms., c.l.....lb. .16½- —
l.c.l. .....lb. .17 - —
tanks .....lb. .16¼- —
high gravity, dms., c.l.....lb. .16¾- —
l.c.l. .....lb. .17¼- —
tanks .....lb. .16½- —
ref., USP, CP, 95%, dms., c.l. lb. .17¼- —
l.c.l. .....lb. .17¾- —
tanks .....lb. .17 - —
B. P., 98%, dms., c.l.....lb. .17¾- —
l.c.l. .....lb. .18¼- —
tanks .....lb. .17½- —
yellow, distilled, dms., c.l..lb. .14¾- —
l.c.l. .....lb. .17½- —
tanks .....lb. .16¾- —
Glycine, USP, bbls., tins.....lb. 1.25 - 1.30
Glycol boriborate, dms.....lb. .22 - —
Stearate, dms.....lb. .26 - —
Gold chloride, acid-brown, bots. oz.20.75 -21.00
acid-yellow, bots.....oz.18.75 -19.00
Gold-soda chloride, photo., bots.. oz.13.00 - —
USP IX, bots.....oz.14.50 -14.75
Goldenseal root, bls.....lb. 8.25 - 8.35
powd., bxs.....lb. 8.50 - 8.60
Gold of pleasure seed, bgs....lb. No stocks
Grains of paradise, bgs.....lb. .30 - .37
Graphite, dom., crystalline, 80% through 60 mesh, graphitic carbon content 65-70%, bgs., whse..lb. .04½- —
70-75%, bgs., same basis. lb. .05 - —
75-80%, bgs., same basis. lb. .05½- —
80-85%, bgs., same basis. lb. .06 - —
85-90%, bgs., same basis. lb. .07 - —
90% and up, same basis. lb. .08 - —

Grease, house,[1,7] loose.....lb. .09¼- —
White, choice, loose.....lb. .08¾- —
Wool (see Adeps lanae and Degras).
Green, brilliant,[1] thioflavin toner, molybdic, kgs., works..lb. 3.25 - —
tungstic, kgs., works.....lb. 3.75 - —
Chrome,[1] CP, dark, light, medium, blue content up to 5%, bbls., dlvd. N. of Tenn. and N.C., E. of Miss. River, including St. Paul, Minneapolis, Davenport, Rock Island, St. Louis..lb. .23 - —
15%, bbls., same basis...lb. .25 - —
20%, bbls., same basis..lb. .25½- —
21-25%, bbls., same basis.lb. .26 - —
26-30%, bbls., same basis..lb. .26½- —
31-35%, bbls., same basis.lb. .27½- —
36-40%, bbls., same basis..lb. .29 - —
41-45%, bbls., same basis.lb. .30½- —
46-50%, bbls., same basis.lb. .33 - —
reduced color, 5%, bbls., same basis...lb. .06¾- —
9-10%, bbls., same basis.lb. .07½- —
11-13%, bbls., same basis.lb. .08 - —
14-16%, bbls., same basis.lb. .08¼- —
17-19%, bbls., same basis.lb. .08½- —
20-21%, bbls., same basis.lb. .08¾- —
22-23%, bbls., same basis.lb. .09 - —
24-25%, bbls., same basis.lb. .09¼- —
26-27%, bbls., same basis.lb. .09½- —
28-29%, bbls., same basis.lb. .10 - —
30-31%, bbls., same basis.lb. .10½- —
32-33%, bbls., same basis.lb. .12 - —
34-35%, bbls., same basis.lb. .12 - —
36-40%, bbls., same basis.lb. .14 - —
41-45%, bbls., same basis.lb. .17 - —
46-50%, bbls., same basis.lb. .17½- —
51-55%, bbls., same basis.lb. .18 - —
56-60%, bbls., same basis.lb. .18¾- —
61-69%, bbls., same basis.lb. .19 - —
70%, bbls., same basis....lb. .20 - —
71-75%, bbls., same basis.lb. .21 - —

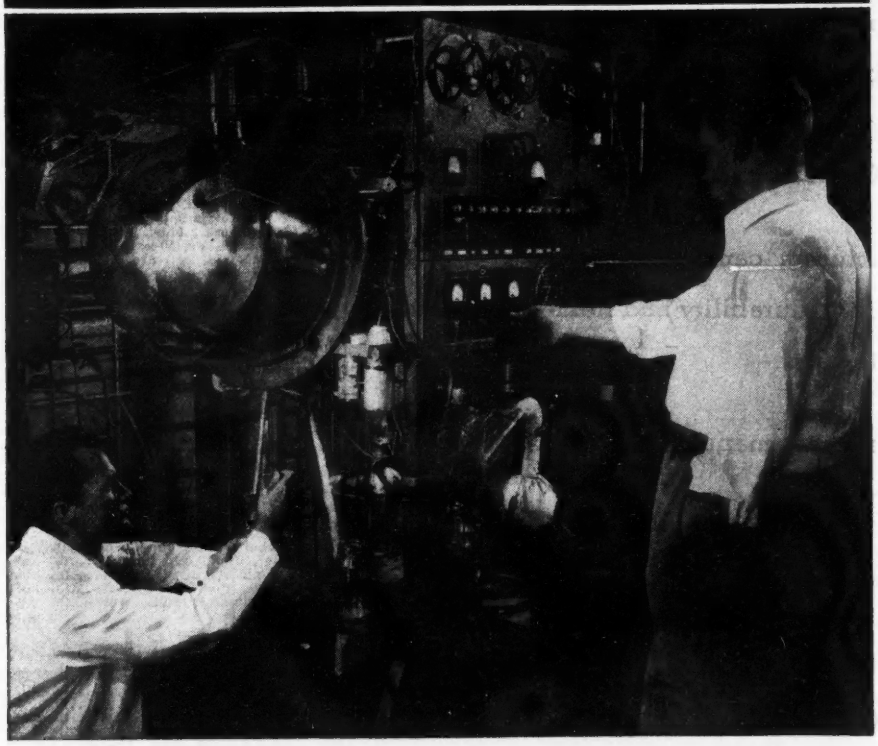
Chrome green prices are ½c. higher dlvd. Ala., Fla., Ga., La. (Shreveport, 1½c.), Miss., N. C., S. C., Tenn., Texas (Dallas, Ft. Worth, 1¼c.; El Paso, 2c.), Cedar Rapids, Des Moines, Kansas City, Lincoln, Omaha, St. Joseph, 1.6c. higher dlvd. Pac. Coast; for Denver, Pueblo, Salt Lake City and Wichita, prices are equalized with Chicago.

Chrome oxide, pure, dms., wks. lb. .24 - —
Malachite, thioflavin toner, molybdic, bbls., works..lb. 3.00 - —
tungstic, bbls., works....lb. 3.50 - —
Phthalocyanin,[1] tetrahydroxide (hydrated chromium oxide), bbls., works..lb. .85 - —
toner, bbls., works.....lb. 4.00 - 5.00
Paris (see P).
Tungstated, brilliant, kgs...lb. 3.00 - —
emerald, kgs.....lb. 2.60 - —
Verdigris (see V).
Green dyes (see Dyes, coaltar)
Grindelia robusta, bls.....lb. .21 - .23
Guaiac, resin, cs.....lb. .48 - .49
Wood, bls.....lb. .05 - .06
Guaiacol, liquid, fib. dms.....lb. 1.75 - 2.01
Carbonate, dms.....lb. 2.40 - 2.74
Guanidin carbonate,[1] bbls., c.., works..lb. .57 - —
l.c.l., works.....lb. .58 - .73½
Guarana, powd., cs.....lb. 2.00 - 2.10
Gum accroides (see Gum, yacca).
Aloe (see A).
Ammoniac, tears, cs.....lb. .80 - .85
Arabic, amber, sorts, bgs...lb. .11½- .12
white, sorts, 1, bgs.....lb. .28 - .30
Asafetida (see A).
Asphaltum (see A).

Gum, benzoin, artificial, cns..lb. 1.75 - 2.35
Siam, cs.....lb. 3.00 - 3.50
Sumatra, cs.....lb. .82 - 1.00
Camphor (see C).
Copal, Congo, sorted, No. 30, bgs., c.l., ex dock or port, whse..lb. .35¾- —
31, bgs., c.l., same basis, lb. .21½- —
32, bgs., c.l., same basis, lb. .16¾- —
33, bgs., c.l., same basis, lb. .14¾- —
34, bgs., c.l., same basis, lb. .09¾- —
35, bgs., c.l., same basis, lb. .15¾- —
36, bgs., c.l., same basis, lb. .12¾- —
37, bgs., c.l., same basis, lb. .18¾- —
38, bgs., c.l., same basis, lb. .12¾- —
39, bgs., c.l., same basis, lb. .10¾- —
40, bgs., c.l., same basis, lb. .08½- —
41, bgs., c.l., same basis, lb. .11¾- —
unsorted, No. 1, bgs., same basis..lb. .15¾- —
2, bgs., c.l., same basis.lb. .13½- —
3, bgs., c.l., same basis.lb. .12¾- —
FAD, bgs., c.l., same basis, lb. .15¾- —
East India,[1] Batu, bold, scraped, c.l., same basis..lb. .10½- —
unscraped, same basis.lb. .09 - —
chips, same basis...lb. .05¾- —
dust, same basis...lb. .05½- —
Momboyo, No. 1, bgs., c.l., ex dock or port..whse..lb. .13¼- —
nubs and chips, same basis, lb. .05¾- —
black, bold, scraped, bgs., lb. .12 - —
unscraped .....lb. .07½- —
nubs and chips, same basis..lb. .07¼- —
pale, Hire-Macassar,[1] bold, bgs., c.l., same basis..lb. .17¾- —
chips, same basis...lb. .11¾- —
dust, same basis...lb. .05½- —
nubs, same basis...lb. .13¾- —
Singapore, Rasak, bold, bgs., same basis..lb. .23¾- —
chips, same basis...lb. .11¾- —
dust, same basis...lb. .05¾- —
nubs, same basis...lb. .16¾- —
Macassar,[1] dust., bgs., c.l., same basis..lb. .35¾- —
MA, same basis.....lb. .09¾- —
MB, same basis.....lb. .09¼- —
WS, bgs., same basis.....lb. .11¾- —
Manila, Boeas,[1] hard, bold, amber, light, bakts., c.l., same basis..lb. .13½- —
dark, light, same basis..lb. .14½- —
white, same basis.....lb. .15½- —
Loba,[1] A, bgs., c.l., same basis..lb. .14 - —
B, same basis.....lb. .13¾- —
C, same basis.....lb. .13¾- —
CBB, same basis.....lb. .12 - —
CNE, same basis.....lb. .10 - —
D, same basis.....lb. .12¾- —
DBB, same basis.....lb. .11 - —
DK, same basis.....lb. .09½- —
DU, same basis.....lb. .08¾- —

Gum, copal, Manila, Loba, dust, same basis..lb. .07¾- —
WH, same basis.....lb. .09¼- —
WS, same basis.....lb. .11¾- —
Manila-Singapore[1] white split chips, bgs., c.l., same basis..lb. .15½- —
dust, same basis.....lb. .07¾- —
whse., entry point, c.l..lb. .08¾- —
Philippine,[1] Manila, extra bold and bold, pale, scraped, bakts., same basis..lb. .15 - —
extra bold, sorts, bgs., c.l., same basis..lb. .12¾- —
pale chips, bold, same basis, lb. .13 - —
nubs, WCB, same basis...lb. .13¾- —
seeds, dust, same basis....lb. .09¾- —
SG, same basis.....lb. .10¼- —
small chips, same basis..lb. .11¾- —
Pontianak, bold, scraped, bgs., c.l., same basis..lb. .23¾- —
mixed, same basis.....lb. .17¾- —
chips, small, same basis..lb. .12¾- —
cuttings of split, same basis, lb. .19½- —
nubs, same basis.....lb. .18 - —
Gum copal, l.c.l., prices ½c. to ½c. higher.
Dammar,[1] Batavia, A, cns., c.l., same basis..lb. .35¾- —
A/C, same basis.....lb. .31½- —
A/D, same basis.....lb. .28¾- —
A/E, same basis.....lb. .25¾- —
B, same basis.....lb. .34¾- —
C, same basis.....lb. .29¾- —
D, same basis.....lb. .25¾- —
E, same basis.....lb. .18¾- —
F, same basis.....lb. .13¾- —
dust, same basis.....lb. .13¾- —
Singapore,[1] No. 1, c.a., c.l.lb. .30¾- —
2, bgs., same basis.....lb. .25 - —
3, bgs, same basis.....lb. .12¾- —
chips, cs., same basis....lb. .26½- —
dust, bgs., same basis...lb. .13 - —
seeds, cs., same basis....lb. .17½- —
Gum, dammar, l.c.l., prices ¼c. to ½c. higher.
Elemi,[1] cns., c.l., ex dock or whse. entry port..lb. .09½- .09¾
Ester, gum-rosin, type[1,4] dms., c.l., dlvd. Ill., Ind., Ky., Mich., Mid-Atl. States, N. England States, Minneapolis, N. C., Ohio, St. Louis, St. Paul, Va., W. Va..lb. .1300- —
l.c.l., dlvd. Ill., etc.....lb. .1325- —
other points, same basis, lb. .1400- —
wood-rosin type (formerly designated as "ordinary"), dms., c.l., dlvd. Ill., Ind., etc..lb. .1050- —
Euphorbium, cs.....lb. 1.50 Nom.
Galbanum, cs.....lb. 1.00 - 1.05
Gamboge, pipe, cs.....lb. No stocks
powd., bbls.....lb. No stocks
Ghatti, bgs.....lb. No stocks
Gualac (see Guaiac resin).
Karaya, bbls., bxs., dms....lb. .18 - .46
Kauri,[1] brown, chips, extra, bgs., c.l., ex dock, whse..lb. .18 - —
dust, same basis.....lb. .12¾- —
nubs, same basis.....lb. .24 - —
No. 1, extra, same basis....lb. .34 - —
superior, same basis.....lb. .31 - —
No. 2, extra, same basis....lb. .30 - —
superior, same basis.....lb. .27½- —
No. 3, same basis.....lb. .23 - —
x, same basis.....lb. .36 - —
2x, same basis.....lb. .49 - —
3x, same basis.....lb. .77 - —
bush, assorted, same basis.lb. .35 - —
bold, same basis.....lb. .40 - —
bright, same basis.....lb. .18 - —
chips, same basis.....lb. .32 - —
dark, same basis.....lb. .18 - —

THE WHY OF DPI QUALITY



Better stills make better Distilled Vitamin A Concentrates

Our research people recognize a truism which means continuous hard work: a good process can be improved, with consequent improvement in the product.

We know, and our customers know, that the molecular distillation process produces notably superior concentrates of vitamin A —bland, stable and definite in potencies. It is our ambition to improve upon the best. For that reason, research continues here to find, wherever possible, every slightest improvement in equipment and process which will improve the product.

The end result is customer satisfaction with DPI Distilled Concentrates of Vitamin A. We should like to include you among our satisfied customers.

DISTILLATION PRODUCTS, INC.
755 RIDGE ROAD WEST, ROCHESTER 13, NEW YORK
570 LEXINGTON AVENUE, NEW YORK 22, N. Y. • 135 SOUTH LA SALLE STREET, CHICAGO 3, ILLINOIS
PITTS & LOUGHLIN, LOS ANGELES AND SAN FRANCISCO, CALIFORNIA
"Oil-Soluble Vitamin Headquarters"
DP INC

Gum, kauri, white, chips, pale, same basis..lb. .20¾- —
extra, same basis.....lb. .25½- —
dust, pale, same basis...lb. .20¾- —
extra, No. 1, same basis..lb. .45 - —
No. 2, same basis.....lb. .31 - —
No. 3, same basis.....lb. .30 - —
superior No. 1, same basis, lb. .41 - —
No. 2, same basis.....lb. .31 - —
No. 3, same basis.....lb. .22 - —
3x, same basis.....lb. .65¾- —
4x, same basis.....lb. .66 - —
5x, same basis.....lb. 1.50 - —
Gum kauri, l.c.l., prices are ¼c. to ½c. higher.
Locust bean, powd., bbls....lb. .60 - .65
Mastic, cs.....lb. 5.00 Nom.
Myrrh, cs.....lb. .50 - .55
Olibanum, siftings, cs.....lb. .12 - .13
tears, cs.....lb. .21 - .35
Opium (see O).
Red (see Gum, yacca).
Rosin (see R).
Sandarac,[1] casks.....lb. .97½- .99½
Scammony, cs.....lb. 1.30 - 1.35
Talha, bgs.....lb. .10 - .11
Tragacanth, No. 1, cs.....lb. 3.80 - 3.90
No. 2, cs.....lb. 2.75 - 3.30
No. 3, cs.....lb. 2.15 - 2.60
Yacca,[1] red gum, coarse, bgs., ex dock, whse..lb. .06 - —
powdered.....lb. .07¼- —
Gypsum, Keene's cement, paper bgs., c.l., Acme, Tex., frt. equald..ton.22.65 - —
Harlem River, N. Y., frt. equald..ton.20.65 - —
Medicine Lodge, Kan., frt. equald..ton.17.00 - —
New Brighton, N.Y., frt. equald..ton.20.65 - —
Southard, Okla., frt. equald..ton.17.00 - —
Sweetwater, Tex., frt. equald..ton.21.45 - —
Gypsum, plaster of paris, paper bgs., c.l., Acme, Texas, frt., equald..ton.12.50 - —
Blue Rapids, Kan., frt. equald..ton.10.50 - —
Harlem River, N. Y., frt. equald..ton.13.00 - —
Medicine Lodge, Kan., frt. equald..ton.12.50 - —
New Brighton, N. Y., frt. equald..ton.13.00 - —
Southard, Okla., frt. equald..ton.12.50 - —
Sweetwater, Tex., frt. equal. ton.12.50 - —
Stucco, paper bgs., c.l., Acme, Texas; Akron, N. Y.; Blue Rapids, Kan.; Clarence Center, N. Y.; Fort Dodge, Ia.; Grand Rapids, Mich.; Gypsum, Ohio; Harlem River, N. Y.; National City, Mich.; New Brighton, N. Y.; Plasterco, Ga.; Portsmouth, N. H.; Reton, Tex.; Southard, Okla.; Sweetwater, Tex.; frt. equald..ton. 8.00 - —
Saltville, Va., frt. equald, ton. 9.00 - —
Terra alba, paper bgs., c.l., Harlem river, N. Y.; works..ton.12.00 - —
New Brighton, N. Y.; Southard, Okla., works, ton.12.00 - —

H

Hawthorn berries, bgs.....lb. .57 - .60
Heliotropin, cryst., cns.....lb. 2.95 - 4.00
Hellebore, white, powd., bbls..lb. .46 - .47
Helonias root, bls.....lb. 2.50 - 2.75
Hematine extract, cryst., No. 0, bbls., l.c.l..lb. .41 - —
No. 1, bbls., l.c.l.....lb. .40 - —
No. 1A, bbls., l.c.l.....lb. .37 - —
No. 2, bbls., l.c.l.....lb. .36 - —
No. 3, bbls., l.c.l.....lb. .34 - —
No. 4, bbls., l.c.l.....lb. .32 - —
No. 5, bbls., l.c.l.....lb. .30 - —
paste, No. 1, bbls., l.c.l....lb. .17½- —
No. 2, bbls., l.c.l.....lb. .16½- —
No. 3, bbls., l.c.l.....lb. .15½- —
red, No. 4, bbls., l.c.l.....lb. .14½- —
Hemlock bark extract,[1,6] 25% tan, bbls., c.l., works..lb. No stocks
tanks, works.....lb. No stocks
Henbane leaves, bls.....lb. 1.45 - 1.50
Henna leaves, bls.....lb. .16 - .17
powd., bbls., bxs.....lb. .21 - .22
Heptane,[1] 50°-100° C., industrial grade, dms., c.l., Group 3, gal. .12½- —
l.c.l., Group 3.....gal. .19 - —
tanks, Group 3.....gal. .10½- —
77°-115°, industrial, dms., c.l., Group 3..gal. .13 - —
l.c.l., Group 3.....gal. .19 - —
tanks, Group 3.....gal. .10½- —
laboratory grade, dms., c.l., Group 3..gal. .16 - —
l.c.l., Group 3.....ga.l .29 - .55
Hexaldehyde, normal, dms., c.l., works..lb. 1.10 - —
Hexalin (see Cyclohexanone).
Hexamethylenetetramine,[1] tech., bbls., 1,000-lb. lots, Perth Amboy or N.Y.C..lb. .24 - —
smaller lots, same basis..lb. .25 - —
USP, dms., 500 lbs. or more, same basis..lb. .35 - —
smaller lots, same basis..lb. .36 - —
Hexane,[1] 60°-70° C., industrial grades, dms., c.l., Group 3. gal. .13½- —
l.c.l., Group 3.....gal. .19 - —
tanks, Group 3.....gal. .10¼- .11
laboratory grade, dms., c.l., Group 3..gal. .18 - —
l.c.l., Group 3.....gal. .29 - .55
Hexanol, normal, dms., l.c.l., works..lb. .25 - —
Homatropine hydrobromide, bots. oz.15.00 -25.00
Hoofmeal, 17-18% ammon., bulk, c.l., Chicago..unit-ton. 4.50 - 5.00
Hops, NF, bls.....lb. .56 - 1.50
Horehound, bls.....lb. .10½- .12
Hydrangea root, bls.....lb. No prices
Hydrastine, alkaloid, bots.....oz.20.00 -25.00
Hydrochloride, bots.....oz.20.00 -22.00
Sulphate, bots.....oz.29.00 -32.00
Hydrastinine, 10-gr. bots.....bot. 1.95 - —
Hydrastis (see Goldenseal).
Hydrofuramide, dms., fib. cns., works..lb. .30 - .40
Hydrogen peroxide, USP, bbls. lb. .03¾- .04
100 vols., cbys., E. of Miss. River or West coast via Panama Canal..lb. .15½- .18½
Hyproquinone, bbls., dms.....lb. .90 - .94
Hydroxycitrocellal, cns.....lb. 8.50 - 9.00
dms., extra, ret'able, divd...lb. 4.50 - —
Hyoscine hydrobromide, bots..oz.39.00 -45.00
Hyoscyamine, bots.....oz.16.00 -20.00
Hydrobromide, bots.....oz.16.00 -20.00
Sulphate, bots.....oz.16.00 -20.00
Hypernic extract, cryst., No. 1, bbls., l.c.l..lb. .42 - —
No. 2, bbls., l.c.l.....lb. .34 - —
liquid, No. 1, bbls., l.c.l..lb. .24 - —
No. 2, bbls., l.c.l.....lb. .19 - —
solid, No. 1, bxs., l.c.l.....lb. .30 - —
Hyssop, bgs.....lb. 1.25 - 1.30

I

Iceland moss, bgs.....lb. .50 - .55
Icthammol, NF, bots.....lb. 2.45 - —
Indian red (see Red, Indian).
Indigo, nat., chests.....lb. 2.14 - 2.30
synth., paste, bots.....lb. .16½- .19
powd., bbls.....lb. .74½- .85
Indol, CP, bots.....lb.23.00 -24.00
Insect flowers (see Pyrethrum).
Iodine, crude, 25-lb. jars.....lb. 1.67 - —
150-lb. kgs.....lb. 1.28¾- —
resubl., 5-lb. bots., jars.....lb. 1.75 - 1.85
Iodoform, 100-lb. dms., kgs....lb. 3.95 - 4.10
25-lb. jars or fib. dms.....lb. 4.20 - —
Ionone, ketone, dms.....lb. 5.50 - 5.75
Methyl, dms.....lb. 5.75 - 6.00
Ipecac root, bgs.....lb. No prices
powd., bgs.....lb No prices
Irish moss, ordinary, bls.....lb. .26 - .28
powd., 60-80 mesh, bbls..lb. .32 - .33
prime bleached, bls.....lb. .35 - .40
powd., 60-80 mesh, bbls..lb. .40 - .50
Iron acetate, liquor, bbls., c.l., divd..lb. .17 - —
l.c.l., divd.....lb. .18 - —
solut., USP IX, 100-lb. cbys.lb. .17 - —
50-lb. djns.....lb. .18 - —
Chloride (ferric), anhydr., tech., dms., c.l., works..100 lbs. 4.90 - 5.95
l.c.l., works.....100 lbs. 6.50 - 6.85
cryst., tech., bbls., works, frt. alld..100 lbs. 4.00 - 6.00
USP X, lump, bbls.....lb. .07 - .08½
solut., 42 be, cbys., works, frt. alld. or equald..lb. .05½- .06
djns., same basis.....lb. .10 - —
Citrate, USP VIII, gran., dms., lb. .70 - .75
powd., cns.....lb. .84 - .87
Glycerophosphate, bbls.....lb. 3.80 - 3.40
cns., 25 lbs.....lb. 3.52 - —
Hypophosphite, bbls., dms...lb. 1.50 - 1.55
Iodide, bots.....lb. 3.18 - 3.32
Naphthenate, 6% Fe, 50-gal. dms..lb. .15 - —
Nitrate, red, tech., dms.....lb. .03½- .04
Oxalate, gran., dms.....lb. .53 - .55
powd., cns.....lb. .52 - —
kgs.....lb. .47 - .49
Phosphate, soluble, NF, gran., cns..lb. .54 - .57
Pyrophosphate, gran., cns...lb. .59 - .63
Reduced, 90%, kgs.....lb. .65 - .75
Resinate,[4] 7.4% Fe, 100-lb. dms..lb. .17½- —
Sulphate, tech. (see Copperas, and Ferric sulphate).
USP, cryst., bbls., dms....lb. .05½- .11
Tallate, 4% Fe, 50-gal. dms..lb. .10¼- —
Iron-ammonia citrate, brown, green, gran., pearls, dms.lb. .33 - .38
scales, dms.....lb. .49 - .52
Oxalate, bbls.....lb. .23½- —
dms., kgs.....lb. .25½- .26½
Iron-soda oxalate, bbls., dms..lb. .23½- .26½
Isobornyl acetate, cns., works.lb. .85 - .90
Isobutyl acetate,[5] dms., works.lb. No prices
Propionate, dms., works.....lb. No prices
Isoeugenol, cns., works.....lb. 4.05 - 4.25
Isopentane, dms., works.....lb. .45 - .55
Isophorone, dms., c.l., works..lb .21 - —
l.c.l., works.....lb. .22 - —
tanks, works.....lb. .20 - —
Isopropanol (see Alcohol, isopropyl).
Isopropyl acetate, dms., c.l., E. of Rockies, frt. alld..lb. .11 - —
l.c.l., E. of Rockies, same basis..lb. .11½- .12
tanks, E. of Rockies, same basis..lb. .10 - —
Alcohol (see Alcohol, isopropyl).
Ether, dms., c.l., divd.....lb. .06 - —
l.c.l.....lb. .06½- —
tanks, divd.....lb. .04½- —
Isopropylamine, dms., works..lb. .35 - —

J

Jaborandi leaves, bls.....lb. .09 - .10
Jalap root, NF, bls.....lb. .32 - .33
powd., bbls., bxs.....lb. .38 - .39
Resin, lump, cns.....lb. 5.85 - —
powd., bxs.....lb. 5.90 - —
Juniper berries, dom., bgs.....lb. .45 - .70
Juniper tar, USP, dms.....lb. .75 - 1.15

K

Kamala, cns.....lb. .45 - .60
Kaolin (see China clay).
Kava kava root, bls.....lb. .23 - .24
Kerosene, at refinery: Ark., 41-44 w.w., tanks..gal. .04½- —
Bayonne, 41-43 w.w., tanks.. gal. .050 - —
Gulf ports, 41-43 w.w., tanks. gal. .04½- —
Okla.-Tex., 41-43 w.w., tanks, gal. .04⅝- —
Penn., 40 w.w., tanks....gal. .05 - .0605
46 w.w., tanks.....gal. .0575- .05675
San Francisco, tanks.....gal. .11½- —
Kola nuts, bgs.....lb. .09 - .10

White Lead is Back from the War

Here's good news for every paint manufacturer.

The government has removed all the restrictions on the amount of White Lead which paint manufacturers may use in the production of paint by amending War Production Board Order M-384, Lead Chemicals.

This means that paint manufacturers can again avail themselves of the proved reliability, durability and flexibility imparted to paint by White Lead.

Get in touch with your White Lead manufacturer for up-to-the-minute details.

LEAD INDUSTRIES ASSOCIATION

420 Lexington Avenue

New York 17, N. Y.

L

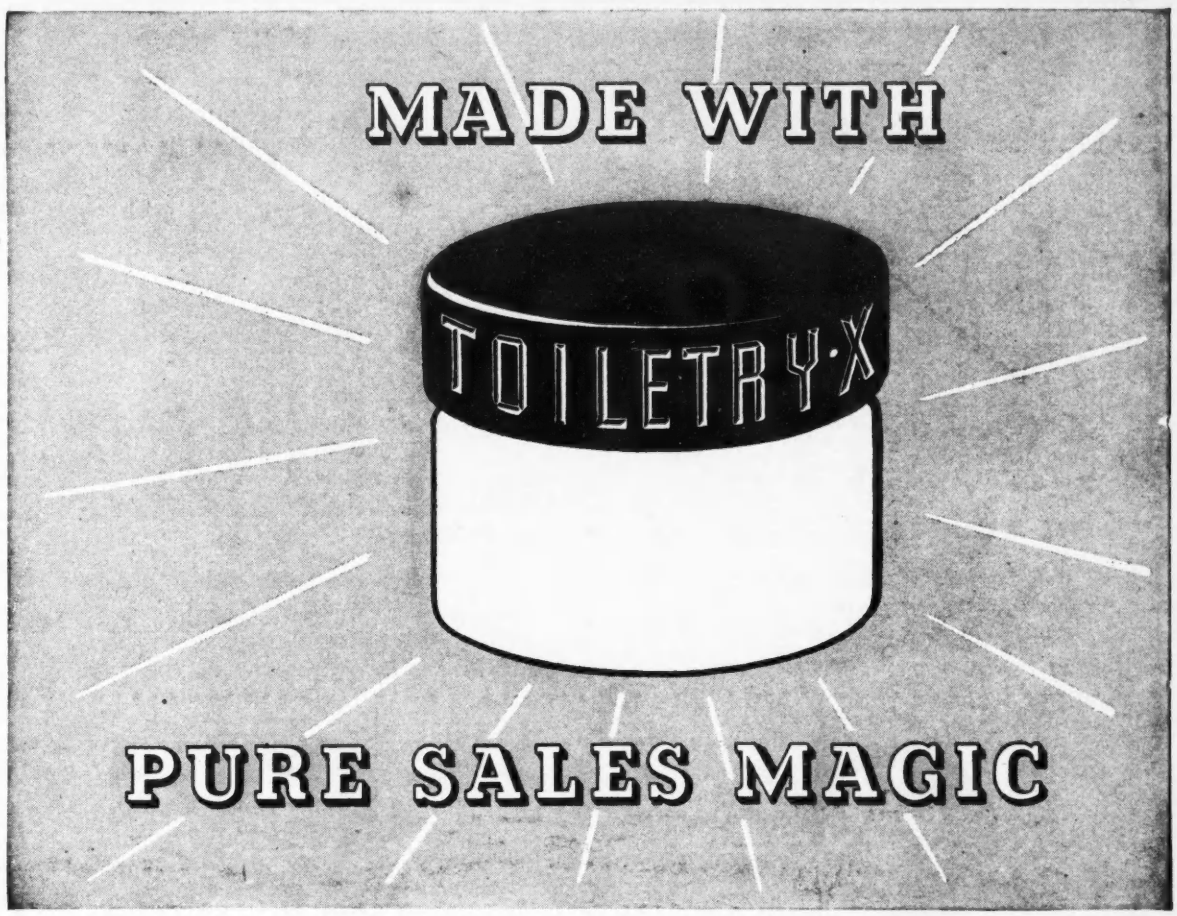
Ladyslipper root, bls.....lb. 1.85 - 1.40
Lanolin (see Adeps lanae).
Lard,[1,7] pure, ref. trcs.....lb. .15 22½- —
prime steam, trcs.....lb. .14 48- —
Larkspur seed, bgs.....lb. 1.70 - 2.00
Laurel berries, bls.....lb. .25 - .26
Leaves, Cyprus, bls.....lb. .23¼- .23¾
Greek, bls. .....lb. No stocks.
Portuguese, bls.....lb. .15 - .15½
Turkish, futures, bls.....lb. .20 - .21
Lavender flowers, medium, bls.lb. .75 - .80
ordinary, bls. .....lb. .60 - .65
select, bls. .....lb. .90 - .95
Lead, acetate,[1] white, broken, bbls..lb. .12½- —
cryst., bbls. .....lb. .12½- —
gran., powd., bbls.....lb. .13¼- —
Arsenite,[1,6] basic, powder, 3-lb. bgs., or larger, c.l..lb. .11½- .12
l.c.l. .....lb. .12 - .12½
1-lb. ctns., c.l.....lb. .18½- .22½
l.c.l. .....lb. .19 - .23
standard, paste, cns, c.l..lb. .05¾- .06
l.c.l. .....lb. .06 - .06¼
powder, 3-lb. bgs., or larger, c.l..lb. .11 - .11½
1-lb. bgs., c.l.....lb. .16 - .20
l.c.l. .....lb. .16½- .20½
1-lb ctns., c.l.....lb. .18 - .23
l.c.l. .....lb. .18½- .23½
½-lb. ctns., c.l.....lb. .21 - .25
¼-lb. ctns., l.c.l.....lb. .21½- .25½

Inside column is maximum OPA prices for manufacturers or distributors; outside column for all other purchasers. Lead arsenate prices are works or whse. basis, frt. alld. to dest. in lots of 96 lbs. or over; no frt. or truck allowance for works or whse. pick-ups.

Blue, basic sulphate, bbls., c.l., divd. E..lb. .07½- —
Ariz., Cal., Col., Idaho, Mont., Nev., N. M., Ore., Utah, Wash., Wyo..lb. .07¾- —
l.c.l., divd. E.....lb. .07¾- —
Ariz., Cal., Col., Idaho, Mont., Nev., N. M., Ore., Utah, Wash., Wyo. lb. .08 - —
Carbonate (see Lead, white).
Chloride, fib. dms.....lb. .49 - —
Iodide, NF V, bots.....lb. 2.80 - —
jars .....lb. 2.69 - —
Linoleate, pals, precip., bbls.lb. .22½- —
Metal,[1,6] (see Protective Coatings Materials market).
Metallic paste, dms., works..lb. No stocks.
Naphthenate, 24%-30%, Pb...lb. .14¼- .17½
Nitrate, bbls.....lb. .12½- —
Oleate, bbls.....lb. .17¾- —
Peroxide, powd., tech., bbls.lb. .23 - .28
Red, 95% Pb_3O_4 or less, bbls., c.l. (20 tons), divd. Ala., Ariz., Ark., Colo., Fla., Ga., Idaho, La., Miss., Mont., Nev., N. Mex., Okla., Tex., Utah, Wyo., and E. of Cascade Mts. in Ore. and Wash..lb. .09¼- —
other points.....lb. .09 - —
l.c.l., 5 tons, divd. Ala., Ark., Cal., Fla., Ga., La., Miss., Okla., Tex., and W. Cascade Mts. in Ore. and Wash..lb. .09¾- —
Ariz., Idaho, Nev., Utah, and E. of Cascade Mts. in Ore. and Wash..lb. .10¾- —
Colo., Mont., N. Mex., Wyo..lb. .10 - —
other points.....lb. .09½- —
smaller lots, Ala., etc.lb. .10¼- —
Ariz., etc.....lb. .10¾- —
Colo., etc.....lb. .10½- —
other points.....lb. .10 - —
in oil, kgs.....lb. .14 - —
97% Pb_3O_4, bbls., c.l., divd. Ala., etc..lb. .09½- —
other points.....lb. .09¼- —
l.c.l., 5 tons, divd. Ala., etc..lb. .10 - —
Ariz., etc.....lb. .10½- —
Colo., etc.....lb. .10¼- —
other points.....lb. .10¼- —
98%, Pb_3O_4, bbls., c.l., (20 tons), divd. Ala., etc.lb. .09¾- —
other points.....lb. .09½- —
l.c.l., 5 tons, divd. Ala., etc..lb. .10¼- —
Ariz., etc.....lb. .10¾- —
Colo., etc.....lb. .10½- —
other points.....lb. .10 - —
smaller lots, divd. Ala., etc..lb. .10¼- —
Ariz., etc.....lb. .11¼- —
Colo., etc.....lb. .11 - —
other points.....lb. .10½- —
Resinate,[4] precip., 23.3% Pb., dms..lb. .17½- —
Silicate, bgs.....lb. .0730- .0760
Soyate, 26.15% Pb., dms.....lb. .22¼- —
Stearate, bbls.....lb. .31 - .33
Sulphate (see Lead, blue; Lead, white, basic sulphate).
Tallate, 10% Pb, dms.....lb. .06½- —
Titanate, bgs., bbls., c.l., works, frt. alld..lb. .11 - —
l.c.l., 5 tons, one delivery, E., frt. alld..lb. .11¼- —
Pac. Cst., ex whse..lb. .11½- —
smaller lots, E. frt. alld. lb. .11½- —
Pac. Cst., ex whse..lb. .11¾- —
White, basic carbonate, bbls., c.l., divd. Ariz., Calif., Colo., Idaho, Mont., Nev., N. Mex., Ore., Utah, Wash., and Wyo..lb. .08½- —
divd. other points...lb. .08¼- —
l.c.l., divd. Ariz., etc...lb. .08¾- —
other points.....lb. .08½- —
basic sulphate, dry, bbls., c.l., divd. Ariz., etc..lb. .07½- —
other points.....lb. .07¼- —
l.c.l., divd. Ariz., etc.lb. .08 - —
other points.....lb. .07½- —
in oil, consumers, kgs.....lb. .13¼- .13¾
painters, kgs.....lb. .12¼- .12½
Lecithin, edible, dms., c.l.....lb. .25¼- —
l.c.l. .....lb. .26½- .45
in cocoa butter, dms., c.l..lb. .39½- —
l.c.l. .....lb. .40¾- .50
tech., dms., c.l.....lb. .25¼- —
l.c.l. .....lb. .26½- .45
vegetable, pure, bots, 100 lbs. lb. 2.75 - —
Lemon peel, bls.....lb. .30 - .35
Licorice extract, mass, cns....lb. .25 - .72
powd., bbls. .....lb. .60 - .88
Root, Indian, bls.....lb. .12 - .14
powder, bbls. .....lb. .18 - .20
Russian, bls. .....lb. .12 - .13
Spanish, bls. .....lb. .12 - .13
Turkish, bls. .....lb. .12 - .13
Lignin extract, tanning grade, bgs., c.l., works..lb. .04 - —

Lime, chemical (quicklime) lump, pebble, Adams, Mass..ton. 8.00 - —
Annville, Pa. .....ton. 7.50 - —
Bellefonte, Pa. .....ton. 7.50 - —
Berkeley, W. Va....ton. 7.50 - —
Buffalo, N. Y. .....ton. 9.25 - —
Carey, Ohio.....ton. 7.00 - —
Cedar Hollow, Pa....ton. 8.50 - —
Crab Orchard, Tenn.ton. 6.90 - —
Eagle Mountain, Va.ton. 7.65 - —
Farnams, Mass.....ton. 8.00 - —
Gibsonburg, Ohio....ton. 7.50 - —
Hannibal, Mo. .....ton. 6.50 - —
Keystone, Ala. .....ton. 6.90 - —
Knoxville, Tenn.....ton. 6.90 - —
Limedale, Ark. .....ton. 7.00 - —
Longview, Ala.....ton. 6.90 - —
Manistique, Mich....ton. 8.00 - —
Marblehead, Ohio....ton. 7.50 - —
Martinsburg, W. Va.ton. 7.50 - —
Menominee, Mich....ton. 8.00 - —
Mitchell, Ind.....ton. 6.50 - —
Newala, Ala. .....ton. 6.90 - —
Rippiemead, Va. ....ton. 7.65 - —
Riverton, Va. .....ton. 7.65 - —
Rockland, Maine....ton. 8.00 - —
Scioto, Ohio.....ton. 6.50 - —
Sherwood, Tenn .....ton. 6.90 - —
Sherwood, Wisc. ....ton. 8.50 - —
Springfield, Mo.....ton. 7.00 - —
Woodville, Ohio.....ton. 7.50 - —
York, Pa. .....ton. 7.50 - —
Hydrated, Adams, Mass....ton. 9.00 - —
Annville, Pa. .....ton. 9.00 - —
Bellefonte, Pa. .....ton. 9.00 - —
Berkeley, W. Va.....ton. 9.00 - —
Buffalo, N. Y. .....ton. 9.50 - —
Carey, Ohio.....ton. 8.50 - —
Cedar Hollow, Pa.....ton. 10.00 - —
Crab Orchard, Tenn..ton. 9.65 - —
Eagle Mountain, Va...ton. 9.15 - —
Lime, hydrated, Farnams, Mass., ton. 9.00 - —
Gibsonburg, Ohio.....ton. 8.50 - —
Hannibal, Mo. .....ton. 8.50 - —
Keystone, Ala. .....ton. 10.65 - —
Knoxville, Tenn.....ton. 9.55 - —
LeRoy, Minn.....ton. 10.00 - —
Limedale, Ark. .....ton. 9.00 - —
Longview, Ala.....ton. 9.65 - —
Manistique, Mich.....ton. 9.50 - —
Marblehead, Ohio.....ton. 9.50 - —
Martinsburg, W. Va..ton. 9.00 - —
Mitchell, Ind.....ton. 9.00 - —
Mitchell, Ind.....ton. 9.00 - —
Newala, Ala. .....ton. 9.65 - —
Petoskey, Mich. .....ton. 9.00 - —
Port Island, Mich.....ton. 9.00 - —
Rapid City, S. Dak...ton. 12.00 - —
Rippiemead, Va. .....ton. 9.15 - —
Rockland, Maine.....ton. 9.00 - —
Scioto, Ohio .....ton. 8.00 - —
Sherwood, Tenn.....ton. 10.65 - —
Sherwood, Wisc.....ton. 10.00 - —
Springfield, Mo.....ton. 9.00 - —
Woodville, Ohio.....ton. 8.50 - —
York, Pa. .....ton. 9.00 - —
Spray, paper bgs., Adams, Mass..ton. 10.00 - —
Annville, Pa. .....ton. 10.00 - —
Bellefonte, Pa. .....ton. 10.00 - —
Carey, Ohio.....ton. 11.00 - —
Farnams, Mass.....ton. 9.50 - —
Gibsonburg, Ohio ....ton. 10.00 - —
Marblehead, Ohio.....ton. 10.00 - —
Rockland, Maine.....ton. 10.00 - —
Scioto, Ohio.....ton. 10.00 - —
Woodville, Ohio.....ton. 10.00 - —
York, Pa. .....ton. 10.00 - —
Lime salts (see Calcium).
Lime-ammonia-nitrogen[6] 20.5% N. (see Ammonia nitrate-lime-stone).
Linalool, cns.....lb. 7.25 - 8.00
Linalyl acetate, cns.....lb. 3.60 - 3.75

Linden flowers with leaves, bls., lb. .85 - .90
Linseed meal,[1,7] 34%, bulk, c.l. ton. 45.00 - —
32%, bulk, c.l.....ton. 43.00 - —
Litharge, com'l, powd., bbls., c.l., divd. Ala., Ariz., Ark., Colo., Fla., Ga., Idaho, La., Miss., Mont., Nev., N. Mex., Okla., Tex., Utah, Wyo. and E. of Cascade Mts. in Ore. and Wash..lb. .08¾- —
other points.....lb. .08 - —
l.c.l., 5 tons, divd. Ala., Ark., Cal., Fla., Ga., La., Miss., Okla., Tex., and W. of Cascade Mts. in Ore. and Wash. lb. .08¾- —
Ariz., Idaho, Nev., Utah and E. of Cascade Mts. in Ore. and Wash..lb. .09¼- —
Colo., Mont., N. Mex., Wyo..lb. .08 - —
other points.....lb. .08½- —
smaller lot, divd. Ala., etc..lb. .09¾- —
Ariz., etc.....lb. .09¾- —
Colo., etc.....lb. .09½- —
other points.....lb. .09 - —
Carbonate, NF, bbls., kgs...lb. 1.25 - 1.30
Bromide, bbls., 100-lb. lots, works, frt. equald..lb. 1.90 - —
smaller lots, works.....lb. 1.92 - 1.95
Chloride, jars.....lb. 1.65 - 1.70
Citrate, bbls., dms., kgs....lb. 1.40 - 1.41
Fluoride, bbls.....lb. 2.45 - 2.66



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Lithium hydroxide, jars.....lb. 1.25 - 1.46
Iodide, bots.....lb. 5.20 - —
jars .....lb. 5.05 - —
Stearate, fib. dms., 3 tons, works..lb. .50 - —
Lithopone,[1,4] ordinary, bgs., c.l. (20 tons)..lb. .04½- —
l.c.l. .....lb. .04½- —
bbls., c.l.....lb. .04½- —
l.c.l. .....lb. .04¾- —
Titanated,[6] (high-strength), bgs., c.l..lb. .0560- —
smaller lots.....lb. .0585- —
bbls., c.l.....lb. .0585- —
smaller lots.....lb. .0610- —
Lithopone, c.l., dlvd. Pac. Cst., ¼c. higher; l.c.l. ex. whse. Pac. Cst., ½c. higher.
Liverwort leaves, bls.....lb. .65 - .66
Lobelia herb, bls.....lb. .65 - .70
Lobeline sulphate, bots., wks..oz. 25.50 -38.00
Logwood extract, crystals, No. 1, bbls., l.c.l..lb. .34 - —
No. 2, bbls., l.c.l.....lb. .32 - —
liquid, No. 1, bbls., c.l....lb. .17 - —
No. 2, bbls., l.c.l.....lb. .16 - —
No. 3, bbls., l.c.l.....lb. .15½- —
No. 4, bbls., l.c.l.....lb. .15 - —
solid, No. 1, bgs., l.c.l.....lb. .28 - —
No. 2, bxs., l.c.l.....lb. .26 - —
No. 3, bxs., l.c.l.....lb. .23½- —
No. 4, bxs., l.c.l.....lb. .23 - —
No. 5, bxs., l.c.l.....lb. .21½- —
No. 6, bxs., l.c.l.....lb. .89½- .44½
Lovage, American (ligusticum actae folium), root, bls..lb. 1.20 - 1.50
Lupulin, NF, 1944 crop, tin..lb. 12.75 -13.00
Lycopodium, USP, cs.....lb. 1.25 - 1.50

M

Mace,[1,7] Amboyna, cs.....lb. .77 Nom.
Banda, cs.....lb. .86 Nom.
West Indian, bgs.....lb. .62 Nom.
No. 1, bgs.....lb. .60 Nom.
broken, bgs.....lb. .55 Nom.
Madder, Dutch, bbls.....lb. .24 - .30
Magnesia arsenate,[1,6] dms....lb. .153 - .18
Calcined, tech., USP, bbls., works..lb. .26 - —
Carbonate, tech., bgs., c.l., l.c.l., Zone 1.....lb. .07¼- —
bbls., c.l., Zone 1.....lb. .07½- —
l.c.l., Zone 1.....lb. .08½- —
kgs., c.l., Zone 1.....lb. .08¾- —
l.c.l., Zone 1.....lb. .09¾- —
USP, bgs., c.l., Zone 1.....lb. .08 - —
l.c.l., Zone 1.....lb. .09 - —
bbls., c.l., Zone 1.....lb. .08½- —
l.c.l., Zone 1.....lb. .09½- —
kgs., c.l., Zone 1.....lb. .09¾- —
l.c.l., Zone 1.....lb. .10¾- —

Magnesia carbonate prices, basis Phillipsburg, N. J., and Plymouth Meeting, Valley Forge, Pa.; l.c.l. prices ¼c. lower, Zone 2, store delivery; store door delivery, both zones. Zone 1—Conn., Del., D. C., Md., Mass., N. J., N. Y., Pa., and R. I.; Zone 2, remainder of U. S.

Chloride, anhyd., bbls., dlvd.lb. .12¾- —
flake, bbls., c.l., works...ton.32.00 - —
l.c.l., works.....ton.39.00 -42.00
Fluoride, bbls.....lb. .20 - .21
Hydroxide, medicinal, bbls., dms., kgs..lb. .29 - .30
Hypophosphite, cns.....lb. 1.45 - —
Laurate, bbls.....lb. .33 - .35
Magnesia oxide (see Magnesia, calcined).
Peroxide, 15%, dms., works..lb. 1.00 - 1.35
Phosphate, tribasic, USP, bbls. lb. .60 - —
Silicate (see Talc).
Silicofluoride, bbls.....lb. .08 - .09
Stearate, ctns.....lb. .31 - .32
Sulphate (see Epsom salt).
Trisilicate, dms., 1,000-lb. contracts..lb. .37 - —
smaller lots.....lb. .42 - —
Magnesite, cal., powd., bgs., c.l., mines, Calif..ton.58.75 - —
dead-burnt,[1] bulk, c.l., f.o.b. Chewelah, Wash..ton.22.00 -32.00
Maleic anhydride, dms., c.l....lb. .25 - —
l.c.l. .....lb. .26 - —
Malva flowers, black, bls.....lb. No stocks
blue, bls.....lb. 1.30 - 1.35
Leaves, bls.....lb. .43 - .44
Manaca root, bls.....lb. .23 - .24
Mandrake root, bls.....lb. .23 - .25
Manganese acetate, dms.....lb. .25½- —
Arsenate,[6] bgs.....lb. .12 - .12¼
Borate, tech., bbls.....lb. .16 - .18
Carbonate, bbls.....lb. .19 - —
Chloride, anhyd., bbls.....lb. .15 - .18
Dioxide, African, battery, 84%-87%, bbls., 28-40 tons, works, ton.74.00 - —
smaller lots, works.ton.77.00 -82.00
Caucasian, 85-90%, bbls., c.l., works..ton.74.00 - —
smaller lots, works..ton.77.00 -82.00
burlap bgs., c.l., works, ton.71.75 - —
l.c.l., works.....ton.74.75 -79.75
paper bgs., c.l., works.ton.70.00 - —
l.c.l., works.....ton.73.00 - —
Manganese glycerophosphate, bgs., bbls., 1,000-lb. lots..lb. 3.05 - —
100-lb. lots.....lb. 3.15 - —
cns., 25 lbs.....lb. 3.27 - —
Hydrate, bbls., dlvd.....lb. .26 - —
Iodide, bots.....lb. 5.70 - —
jars .....lb. 5.55 - —
Linoleate, liquid, 4%, dms...lb. .20 - —
solid, precip., 8.2%, bbls...lb. .22 - —
Naphthenate,[6] 6% Mn, dms..gal. .16 - —
Resinate, fused, 3½%, bbls..lb. .09 - .10½
precip., dms.....lb. .14½- .15½
Soyate, 8.2% Mn, dms.....lb. .22 - —
Sulphate, anhyd., dms., works, lb. No stocks
feed grade, 77-80%, bgs....lb. .04 - .06
fertilizer grade, 65%, bgs., c.l., dlvd. East..ton.59.50 - —
l.c.l., same basis, or Balto. or Cincinnati...ton.68.50 - —
industrial grade, 80%, bgs..lb. .05 - .05¾
Tallate, 4% Mn, dms.....lb. .09 - —
Mangrove bark,[1,5] E. Africa, 32% tannin, c.l., ex dock, U. S. ports..ton.67.50 - —
Manna, flake, large, cs.....lb. No stocks
small, cs.....lb. No stocks
Mannitol,[6] com'l, bbls., works..lb. .35 - .40
reagent, cs. or multiples, works..lb. .35 - —
Marjoram, Argentine, bls.....lb. .14 Nom.
California, French type, new crop, bls., Pacific Coast..lb. .34 - .35
Chilean, bls.....lb. .14 - .14½
Matico leaves, bls.....lb. .22 - .29
Menadione, USP, bots.....gram. .10 - —
Menthol, natural, USP, cns...lb. 4.00 - 4.25
synthetic, tech., cns.....lb. No prices
USP, laevo, cns.....lb. No prices
racemic, cns.....lb. 4.00 - 4.65
Menthyl salicylate, tins.....lb. 3.00 - 3.10
Mercurial ointment, USP, mild, 10%, tubs..lb. .70 - .73
30%, pails.....lb. 1.30 - —
50%, pails.....lb. 1.88 - 1.90
Mercury bichromate[3] (see Corrosive sublimate).
Bisulphate,[3] dms.....lb. 2.59 - 2.61
Chloride,[3] (see Calomel).
Cyanide,[3] cryst., powd.....lb. 3.86 - —
Iodide,[3] red, NF, dms., kgs..lb. 4.30 - —
yellow, fib. dms., kgs.....lb. 4.38 - —
Nitrate ointment (see Citrine ointment).
Oxide,[3] red, NF (see Red precipitate),
yellow, USP, fib. dms.....lb. 2.94 - 2.96
tech. (see Yellow, mercury oxide).
Mercury and chalk,[3] dms.. .lb. 1.68 - 1.70
Mesityl oxide, dms., c.l., dlvd..lb. .11½- —
l.c.l., dlvd.....lb. .12 - —
tanks, dlvd.....lb. .10½- —
Metal leaf, composition, 5½x5½ in..pkg. 3.00 - —
Gold X+, deep, 23, 3⅛x3⅛ in., pkg. 15.00 - —
Silver, 3⅜x3⅜ in.....pkg. 3.00 - —
Metanitroparatoluidin, bbls....lb. 1.05 - 1.10
Metaphenylenediamine, kgs....lb. .65 - —
Metatoluylenediamine, kgs.....lb. .70 - —
Methanol,[1,3,6] natural, all grades, dms., c.l., E. of Miss. R., gal. .63 - —
l.c.l., same basis.....gal. .78 - —
tanks, same basis.....gal. .60 - —

Inside prices on natural methanol W. of Miss. R., 3c. higher.

synthetic, dms., c.l., Zone 1, frt. alld..gal. .31 - —
2, frt. alld. or dlvd....gal. .34 - —
3, frt. alld.....gal. .38 - —
4, frt. alld.....gal. .38 - —
l.c.l., Zone 1, frt. alld. or dlvd..gal. .36 - —
2, frt. alld.....gal. .43 - —
3, dlvd. S. F. and L. A. gal. .41 - —
4, frt. alld. or dlvd...gal. .51½- —
tanks, Zone 1, frt. alld..gal. .24 - —
2, frt. alld.....gal. .27 - —
3, frt. alld.....gal. .29 - —
4, frt. alld.....gal. .29 - —

Synthetic methanol zones are:—Zone 1—Conn., Del., D. C., Ill., Ind., Ia., Ky., Me., Md., Mass., Mich., Minn., Mo., Neb., N. H., N. J., N. Y., N. C., O., Pa., R. I., S. C., Tenn., Vt., Va., W. Va., and Wis. Zone 2—Ala., Ark., Col., Fla., Ga., Kan., La., Miss., N. Mex., N. Dak., Okla., S. Dak., Tex., and Wyo. Zone 3—Los Angeles and San Francisco. Zone 4—Ariz., Calif. (with exception of Los Angeles and San Francisco), Ida., Mont., Nev., Ore., Utah, and Wash. Buyers in zone 4 have the option of buying at the delivered zone 4 price or at the zone 3 price, f.o.b. Los Angeles and San Francisco.

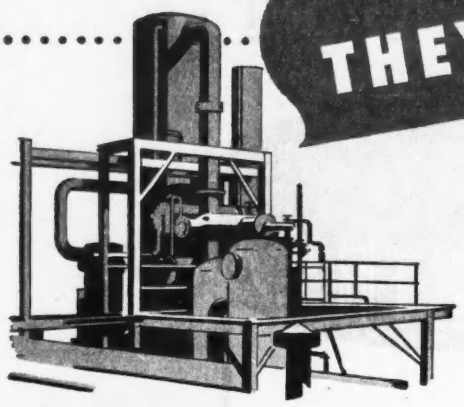
Methyl abietate, non-ret. dms., c.l., dlvd..lb. .0750- —
l.c.l., dlvd.....lb. .0875- .0975
smaller cont., dlvd.....lb. .1475- —
hydrogenated, non-ret. dms., c.l., dlvd..lb. .1150- —
10 dms.....lb. .1275- —
single dm.....lb. .1375- —
less than 1 dm.....lb. .1875- —
Acetate, CP, 97-99%, dms., c.l., E. of Miss..lb. .10½- .12
W. of Miss.....lb. .11½- .12
l.c.l., E. of Miss.....lb. .11 - .14
W. of Miss.....lb. .12 - .15½
tanks, E. of Miss.....lb. .09½- —
W. of Miss.....lb. .10½- —
tech., dms., c.l., E. of Miss. lb. .07 - .09
W. of Miss.....lb. .08 - —
l.c.l., E. of Miss.....lb. .07½- .11
W. of Miss.....lb. .08½- .10½
tanks, E. of Miss.....lb. .06 - —
W. of Miss.....lb. .07 - —
Acetoacetate, dms., c.l., works, frt. alld..lb. .30½- —
Acetone, natural, Group A, dms. incl., c.l., E. of Miss., frt. alld..gal. .66 - —
l.c.l., same basis....gal. .76 - —
tanks, same basis.....gal. .60 - —

Natural methyl acetone prices W. of Miss. R., 3c. per gal. higher.

Group B, dms, c.l., Zone 1, frt. alld..gal. .63 - —
Zone 2, same basis.gal. .65 - —
Zone 3, same basis.gal. .67 - —
Zone 4, same basis.gal. .69 - —
l.c.l., Zone 1, same basis, gal. .66 - —
Zone 2, same basis.gal. .83 - —
Zone 3, same basis.gal. .70 - —
Zone 4, same basis.gal. .83 - —
tanks, Zone 1, same basis, gal. .60 - —
Zone 2, same basis.gal. .62 - —
Zone 3, same basis.gal. .64 - —
Zone 4, same basis.gal. .64½- —

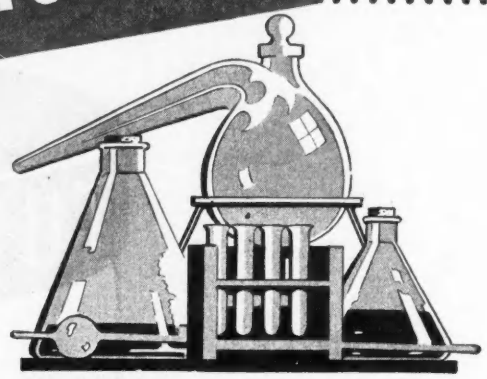
Natural methyl acetone zones are:—Zone 1, Conn., Del., D. of C., Ill., Ind., Iowa, Ky., Me., Md., Mass., Mich., Minn., Mo., N. H., N. J., N. Y., N. C., Ohio, Pa., R. I., Tenn., Vt., Va., W. Va., Wis.

THEY TOLD US



OIL REFINER

I profit two ways by using Special Filtrol — it's "tailor-made" to fit a wide range of oils, from easy to hard-to-bleach stocks — and press cake losses are cut to the bone.



CHEMIST

The uniform efficiency and purity of Filtrol Adsorbents enable me to control quality, and quickly set up permanent methods for handling widely varying oils.

BLEACHING FOREMAN

I like Filtrol Adsorbents because I get more oil per press run, and they help me maintain top quality production with minimum labor and equipment.

OIL STOCK BUYER

Raw oils are hard to buy. Using Special Filtrol permits a wider market availability with greater yield.

Specify Special Filtrol to insure the uniformity, cleanliness and purity so necessary to modern streamlined bleaching methods.

FILTROL CORPORATION • General Offices: 634 South Spring Street, Los Angeles 14, California • Plants: Vernon, California; and Jackson, Mississippi

SPECIAL Filtrol* PRODUCTS OF RESEARCH AND DEVELOPMENT

*Reg. U.S. Pat. Off.

OPD—10-22-1945 21

A Message to Exporters

- For over a decade B. L. LEMKE and COMPANY have specialized in service to EXPORTERS, both on the Atlantic and Pacific coasts.
- During this period thousands of shipments and hundreds of different products have reached all corners of the globe through our service.
- This experience has enabled us to collect a wealth of data on the requirements of various countries particularly with regard to merchandise, packaging and shipping.
- With restrictions largely removed, we are now fully able to utilize our experience.
- Modern, scientifically-designed packing will be used on all our products to prevent spoilage, due to extreme humidity and heat in tropical or subtropical countries, or to extreme cold in northern countries.
- Many of our products are especially prepared for consumption abroad and each product is rigidly tested in our own Analytical Laboratory in accordance with specifications which are standard in the country of destination.
- Our policy of highest and guaranteed quality has accounted for a steadily increased following among exporters all over the United States. While handicapped by all kinds of restrictions during the past few years, we are now in a position to serve exporters in an increased measure.
- With our experience and knowledge of foreign specialties and a wide range of fine and rare chemicals, we can be of help to you in many ways.

Write us, or let one of our salesmen call on you

B. L. LEMKE & COMPANY

Manufacturers and Distributors of Fine and Rare Chemicals

248-250 West Broadway **New York 13, N. Y.**

Telephone: WOrth 4-6484

Zone 2—Ala., Ark., Col., Fla., Ga., Kan., La., Miss., Neb., N. D., Okla., S. C., S. D., Tex., Wyo. Zone 3—Los A., San Fran., Seattle, Wash.; Portland, Ore. Zone 4—Ariz., Cal., Idaho, Mont., N. Mex., Nev., Ore., Utah, Wash.

Methyl acetone, synthetic, dms., c.l., Zone 1..gal. .51 - —
Zone 2.....gal. .52 - —
Zone 3.....gal. .53½- —
Zone 4.....gal. .54½- —
l.c.l., Zone 1.....gal. .54½- —
Zone 2.....gal. .57 - —
Zone 3.....gal. .58 - —
Zone 4.....gal. .59½- —
tanks, Zone 1.....gal. .42 - —
Zone 2.....gal. .44½- —
Zone 3.....gal. .45½- —
Zone 4.....gal. .45½- —

Synthetic methyl acetone zones are:—Zone 1—Conn., Del., D. C., Ill., Ind., Iowa, Ky., Me., Md., Mass., Mich., Minn., Mo., N. H., N. J., N. Y., N. C., Ohio, Penn., R. I., S. C., Tenn., Vt., Va., W. Va., Wis. Zone 2—Ala., Ark., Col., Fla., Ga., Kan., La., Miss., Neb., N. D., Okla., S. D., Tex., Wyo. Zone 3—Los Angeles, Cal.; San Francisco, Cal.; also (c.l. only) Portland, Ore. and Seattle, Wash. Zone 4—Ariz., Cal., N. Mex., Mont., Nev., Idaho, Ore., Utah, Wash.

Alcohol (see Methanol).

Anthranilate, bots, 100-lb. lots. lb. 2.20 - 2.50
25-lb. lots.....lb. 2.35 - 2.65
Benzoate,[6] cns.....lb. .55 - 1.00
Bromide, cns.....lb. .75 - .80
cyls. .....lb. .65 - .75

Methyl chloride, refrigeration, cyls., 500 lbs. and up, machine mfrs. and jobbers, cylinders..lb. .32 - —
service men and consumers, cyl..lb. .36 - —
50 to 400 lbs., mach. mfrs. and jobbers..lb. .36 - —
service men and consumers..lb. .40 - —
tanks, multi-unit, machine mfrs. and jobbers..lb. .31 - —
service men and consumers..lb. .36 - .40

Methyl chloride quotations are spot or contract, ship. point; prices above are in 60, 99 and 180-lb. cylinders; 20-lb. cylinders, 10c. per pound higher.

Cinnamate, cns.....lb. 1.50 - 4.00
Formate, dms.....lb. .89 - —
Iodide, bots.....lb. 4.00 - 4.15
Lactate, dms., c.l., dlvd.....lb. No stocks
Oleate, dms., c.l.....lb. .35 - —
Salicylate,[1] dms., 500 lbs.....lb. .35 - —
25-60 lbs.....lb. .37 - .38
Methylamyl ketone, cns., dms., works..lb. .30 - .33
Methylcellulose, special, vis. (4,000 cps.) fib, ctns., 2,000 lbs. or more, frt. alld..lb. .60 - —
smaller lots, frt. alld....lb. .65 - .70
standard vis. (15-1,500 cps.), fib. ctns., 2,000 lbs. or more, frt. alld..lb. .53 - —
smaller lots, frt. alld....lb. .58 - .63
Methylcyclohexane, 98-100%, dms., works..lb. .16 - —

Methylcyclohexanol, 98-100%, dms., works..lb. .23 - —
Methylcyclohexanone, 98-100%, dms., works..lb. No stocks
Methylene blue, USP, kgs.100 lbs. 2.00 - 2.15
cns., 5 lbs.....lb. 2.35 - —
Chloride, refrig., dms., wks..lb. .18 - .28
solvent, dms., works.....lb. .12 - .16
Methylethyl ketone, dms., dlvd. lb. .09 - —
l.c.l., dlvd.....lb. .09½- —
tanks, dlvd.....lb. .08 - —
Methylhexyl ketone, dms., tech., works..lb. .60 - —
Methylisobutyl ketone, dms., c.l., dlvd..lb. .11½- —
l.c.l., dlvd.....lb. .12 - —
tanks, dlvd.....lb. .10½- —
Methylnaphthyl ketone, cns...lb. No stocks
Methylpentanediol, dms., c.l., works..lb. .16 - —
l.c.l., works.....lb. .16½- —
1 and 5-gal. cont., works..lb. .20½- .22½
tanks, works.....lb. .15 - —
Mica, dry-grd., paint, plastic, 100 mesh, bgs., c.l., works..ton.45.00 - —
l.c.l., works.....ton.48.50 - —
roofing, 20 mesh, bgs., c.l., works..ton.30.00 -32.50
l.c.l., works.....ton.35.50 -37.50
30-31 mesh, bgs., c.l., works. ton.30.00 -32.50
l.c.l, works.....ton.35.00 -37.50
40-45 mesh, bgs., c.l., works. ton.30.00 -32.50
l.c.l., works.....ton.35.00 -37.50
80 mesh, bgs., c.l., works. ton.37.50 -40.00
l.c.l., works.....ton.41.50 -45.00
graphite, bulk, Pa., mines.ton.80.00 - —

Mica, wet-grd., biotite, bgs., c.l., works, frt. alld. E..lb. .04½- —
l.c.l., ex whse., or frt. alld. E..lb. .04¾- —
extra fine, bgs., c.l., works, works, frt. alld. E..lb. .04 - —
l.c.l., ex whse. or frt. alld. E..lb. .04½- —
paint or lacq., bgs., c.l., works, frt. alld. E..lb. .05 - —
l.c.l., ex whse. or frt. alld. E..lb. .05½- —
rubber, bgs., c.l., works, frt. alld. E..lb. .04¾- —
l.c.l., ex whse. or frt. alld. E..lb. .05½- —
wallpaper, bgs., c.l., works, frt. alld. E..lb. .05 - —
l.c.l., ex whse. or frt. alld. E..lb .05½- —
white, extra fine, bgs., c.l., works, frt. alld. E..lb. .06 - —
l.c.l., ex whse. or frt. alld. E..lb. .06½- —
Mica, wet-grd., W. of Miss. R., ½c. higher; W. of Rockies, 1c. higher.
Milk powder,[1,7] skimmed, roller, bulk, Zone A, bbls..lb. .14 - .14½
Zone B.....lb. .13½- .14
spray, bulk, Zone A.....lb. .14½- —
Zone B.....lb. .14¼- —
whole, roller, bbls.....lb. .29 - .32
spray, bbls.....lb. .30 - .34½

Skimmed milk powder zones are:—B, Conn., Del., D. C., Mass., Md., Me., N. J., N. H., N. Y., Pa., R. I., and Vt.; A, all other States.

Milk sugar,[1] bbls., c.l., works..lb. .26 - —
l.c.l., works.....lb. .26¾- .27½
Mineral spirits (see Petroleum, mineral spirits).
Molasses,[1,6] blackstrap, tanks, works, Area 1..gal. .18 - —
Area 2.....gal. .18½- —
Area 3.....ton.26.00 - —
Area 4.....ton.29.00 - —
tanks, Area 5.....ton.34.60 - —

Area 1, Fla., Ga., La., Tex.; Area 2, Mass., Md., N. J., N. Y.; Area 3, Calif; Area 4, Colo., Idaho, Kan., Mont., Neb. (excepting Grand Island), S. D., Utah, Ore., Wash., Wyo.; Area 5, Ia., Md., Mich., Minn., Grand Island, Neb., Ohio, Wis.

Molybdate orange (see Orange, molybdate).
Molybdenum metal,[1,6] kgs., 99%, powd..lb. 2.60 - 3.00
Trioxide,[3] pure, kgs., works, basis Mo. content..lb. .95 - —
technical, kgs., works, basis Mo. content..lb. .80 - —
Monoamylamine, dms., c.l., works, basis 100%..lb. .61 - —
l.c.l., works, basis 100%, lb. .64 - —
Monochlorobenzene, dms., c.l., works..lb. .06½- —
l.c.l., works.....lb. .07 - .09
Monoethanolamine, dms., c.l., frt. alld. E..lb. .24 - —
l.c.l., same basis.....lb. .25 - —
tanks, same basis.....lb. .23 - —
Monoethylamine, dms., c.l., works, basis 100%..lb. .30 - —
l.c.l., works, basis 100%..lb. .35 - —
Monomethylamine, dms.....lb. .65 - —
Monomethylpara-aminophenol sulphate, dms..lb. 2.40 - 2.90
Monosodium phosphate (see Soda phosphate, monobasic).
Morphine, bots., 5 ozs.....oz.11.10 - —
cns., 25 ozs.....oz.10.90 - —
Acetate, bots., 5 ozs.....oz. 9.00 - —
cns., 25 ozs.....oz. 8.80 - —
Hydrobromine, 5 ozs.....oz. 8.95 - —
cns., 25 ozs.....ob. 8.75 - —
Hydrochloride, bots., 5 ozs..oz. 9.00 - —
cns., 25 ozs.....oz. 8.80 - —
Sulphate, bots., 5 ozs.....oz. 9.00 - —
cns., 25 ozs.....oz. 8.80 - —
Morpholine, dms., l.c.l., works, lb. .67 - —
smaller containers, works...lb. .75 - —
Mullein leaves, cns.....lb. .12 - .13
Musk, nat., Tonquin, grains, bots., oz.55.00 -60.00
Ambrette, cns., 100 lbs. or more..lb. 4.00 - 9.10
25 lbs.....lb. 4.10 - 9.10
5 lbs.....lb. 4.25 - 9.45
ketones, cns., 100 lbs. or more, lb. 4.15 - 9.25
25 lbs.....lb. 4.25 - 9.35
5 lbs.....lb. 4.40 - 9.70
xylol, cns., 100 lbs. or more.. lb. 1.40 - 2.00
25 lbs.....lb. 1.50 - 2.60
5 lbs.....lb. 1.65 - 2.90
Muskroot, bls.....lb. 2.25 - 2.30
Mustard seed, Calif., brown, bgs.. lb. .12 - .12¼
yellow, bgs.....lb. .18 Nom.
Montana, brown, bgs.....lb. .08 - .08¼
oriental, bgs.....lb. .06¾- .07
yellow, bgs., ship't point..lb. .15 - .15¼
Washington, yellow, bgs.....lb. .14½- .15
Myrobalans,[1] whole, J1, U. S. ports, ex dock..ton.54.00 - —
J2, same basis.....ton.47.00 - —

N

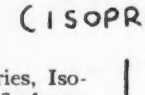
Naphtha, painters (see Petroleum naphtha, V. M. & P.).
Solvent (see S).
Naphthalene,[3] crude, dom., 74°, bgs., c.l., frt. equald..lb. .03 - —
bbls., c.l., same basis...lb. .031 - —
tanks, same basis.....lb. .0275- —
78°, bgs., c.l., same basis..lb. .0325- —
bbls., c.l., same basis...lb. .0335- —
tanks, same basis.....lb. .03 - —
refined, balls, flakes, bbls., wholesalers and jobbers, works..lb. .08 - —
50-lb. cs., same basis....lb. .08¼- —
1-lb. pkgs., same basis...lb. .08¾- —
Neocinchophen, USP, dms.....lb. 7.00 - 7.10
Nephelinesyenite, glass grade, 24 mesh, bulk, Rochester, N. Y..ton.12.00 - —
pottery grade, 200 mesh, bulk, Rochester, N. Y..ton.15.50 - —

Nephelinesyenite in bgs. is priced $2 per ton higher than bulk.

Neroline, crys., cns.....lb. 1.70 - 2.00
Niacin (see Acid, nicotinic).
Nickel,[6,8] carbonate, bbls.....lb. .36 - .36¼
Chloride,[6] bbls.....lb. .18 - .20
Cyanide,[6] bots., dms.....lb. No stocks
Oxide,[6,8] black, bbls.....lb. .35 - .38
Salt,[6,8] bbls.....lb. .13 - .13½
Nicotine sulphate, 40%, dms., 50 lbs. to dealers, frt. allowed over 100 lb..lb. .8660- —
tins, 10 lbs.....lb. 1.015 - —
Nicotinamide,[6] USP, dms....kilo.13.25 13.55
Nikethamide, bots., cbys.....lb. 9.00 -12.00
Nitercake, bulk, works.....ton.16.00 - —
Nitrobenzene, dbl. dist., dms., c.l., lb. .08 - —
l.c.l. .....lb. .09 - —
tanks .....lb. .07 - —

ISOPROPYL ALCOHOL

(ISOPROPANOL)



Molecular Weight 60.09

Extensively used in many industries, Isopropyl Alcohol and its derivatives find uses in a wide variety of processes . . . such as concentrating copper ores, making brake fluid, deicing fluid for aircraft, preparation of pectin from citrus products.

Because of its latent solvent powers and quick-drying quality, Isopropyl Alcohol is widely used in making nitrocellulose lacquers and coatings; also in photographs and electroplating.

Isopropyl Alcohol's effective antiseptic range of 30% to 50% makes it economical for hospital and surgical uses. Diluted with 30% water, it is successfully used as a rubbing alcohol.

Sugars, starches, animal and vegetable tissues, gelatine, etc., can be effectively dehydrated with the aid of Isopropyl Alcohol.

Can you utilize Isopropyl Alcohol in your processes? Inquiries are invited

SPECIFICATIONS

Purity . . . Minimum 99% isopropyl alcohol by weight

Specific Gravity 20°/20° C. . . . . 0.785 to 0.787

Color . . . . . Maximum 10 platinum cobalt (Hazen) standard

Water . . . . Miscible without turbidity with 19 volumes of 60° Bé. gasoline at 20° C.

Acidity (other than carbon dioxide) . Maximum 0.002% calculated as acetic acid

Distillation Range . . . . Below 81° C. None
(A.S.T.M. D268/33) . . Above 83° C. None

Non-volatile matter . Maximum 2 mg. per 100 ml.

Water Solubility . . . Completely miscible with distilled water

Weight . . . . . 6.55 lbs. per gallon at 20° C. (approx.)

PHYSICAL PROPERTIES

Several of the physical properties of isopropyl alcohol are given in the following table:

Specific Gravity at 20°/4° C. 0.7848
Boiling Point at 760 mm. . . . . 82.3° C.
Melting Point . . . . . —89.5° C.
Flash Point, Tag Open Cup . . . . . 69° F.
Tag Closed Cup . . . . . 56° F.
Vapor Pressure at 0° C. . . . . 7.6 mm. Hg.
10° C. . . . . 15.9 " "
20° C. . . . . 31.5 " "
30° C. . . . . 58.8 " "
Specific Heat . . . . . 0.595 (20° C.)
Refractive Index, N_D^{20} 1.37757
Coefficient of Expansion . . . 0.000630 per °F.
Latent Heat of Vaporization . . 159.2 gm. cal. per gm.
Heat of Combustion . . . 7950 gm. cal. per gm.

Azeotropic Data: Isopropyl alcohol forms a constant boiling mixture with water at 80.2° C., containing 87.7% by weight of compound.

For further properties and uses communicate with either of the addresses below

SHELL CHEMICAL Division of SHELL UNION OIL CORPORATION
100 BUSH ST., SAN FRANCISCO 6, CALIFORNIA
R.W. GREEFF & CO. Eastern Sales Agent 10 ROCKEFELLER PLAZA, NEW YORK 20. TRIBUNE TOWER, CHICAGO 11

Nitrocellulose, alcohol-soluble,[4] ½ sec., 30-35 cps., bbls., works, dry weight..lb. .28 - —
5-6, 40-60 cps., same basis, lb. .27 - —
ester-soluble,[4] ¼, ½ sec., 30-35 cps., bbls., works, dry weight..lb. .26 - —
5-6, 15-20 cps. and higher, bbls., works, dry weight, lb. .25 - —

Nitrocellulose:—Denatured alcohol used in manufacture is charged extra. Barrels extra, but returnable.

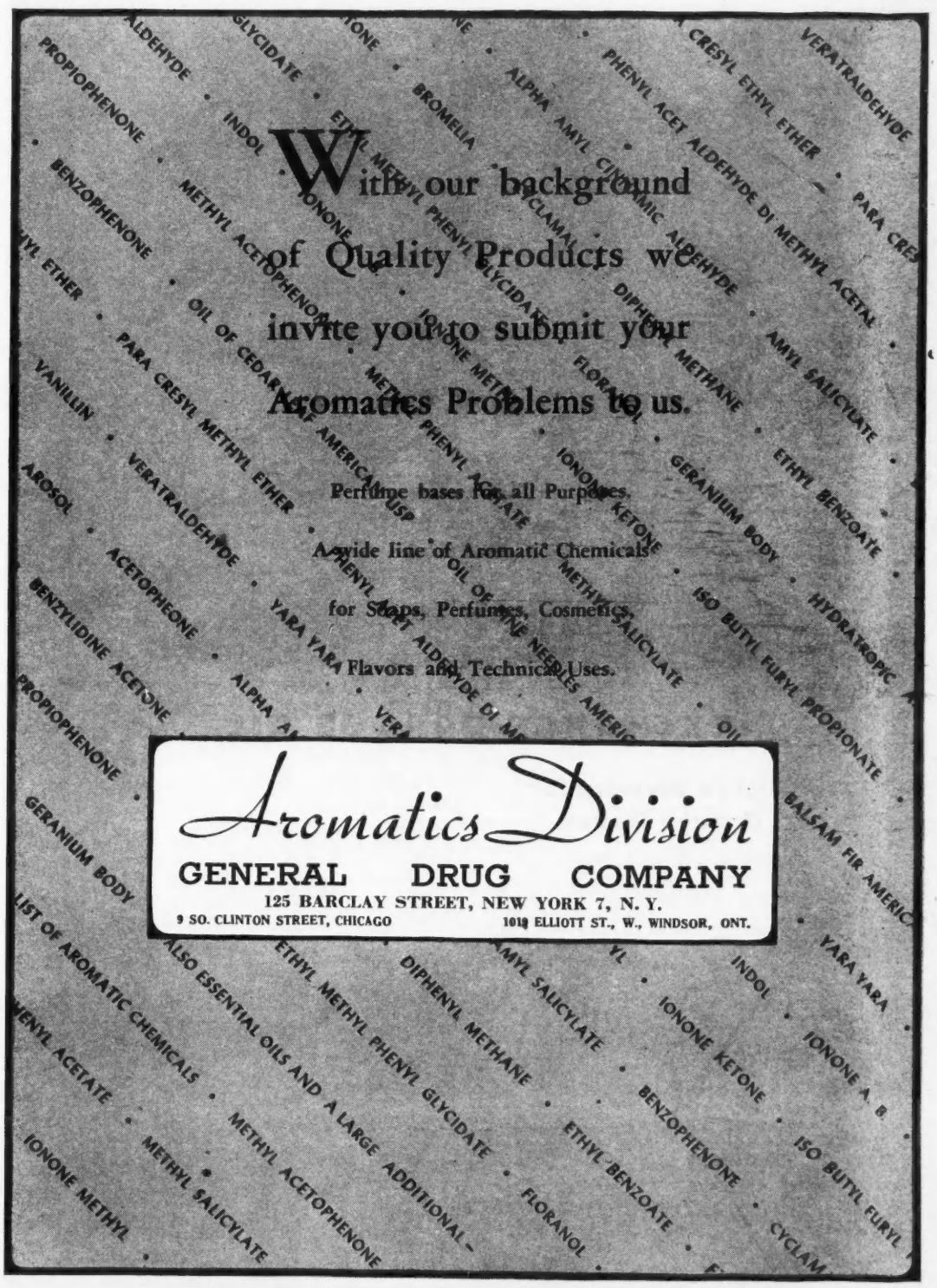
Nitroethane, dms., works.....lb. .25 - —
Nitrogen solut.,[6] tanks....ton N.108.21 - —

Prices adjusted to ammonia sulphate basis from ports, and anhydrous ammonia basis.

Nitrogenous process tankage,[1,7] Hopewell, Va., bulk, works, unit-ton. 3.15 - 3.50
Sewage sludge,[1] bulk, works, unit-ton. 2.60 + .40 - 3.00 + .40
Nitromethane, dms., c.l., works, lb. .25 - —
Nitronaphthalene, bots.....lb. .24 - .25
Nitropropane I, dms., works...lb. .25 - —
II, dms., works.....lb. .25 - —
Nutgalls,[5] Aleppo, bgs.....lb. No stocks
Chinese, bgs.....lb. No stocks
Nutmegs,[1,7] West Indian, No. 1, futures..lb. .34½- .34¾
Nux vomica, bls.....lb. .10 - .11
powder, bbls., bxs.....lb. .13½- .14

O

Oakbark extract,[1,4]6 25% tannin, bbls., c.l., works..lb. No stocks
Octane,[1] 100° C-140° C, industrial, grade, dms., c.l., G.S..gal. .15½- —
l.c.l., G.S.....gal. .29 - —
10 gals., G.S.....gal. .55 - —
tanks, G.S.....gal. .13 - —
Octanol, normal, tech., 360-lb. dms., dlvd..lb. .35 - —
Oil, almond, artificial (see Benzaldehyde).
Bitter, F.P.C., bots.....lb. 4.60 - 5.25
USP, bots.....lb. No prices
Sweet, exp., dms., cns.....lb. 1.20 - 1.65
Angelica root, bots.....lb.125.00 - 140.00
Seed, bots.....lb. No stocks
Anilin (see A).
Anise, Russian, USP, cns....lb. 4.00 - —
Apricot kernel, cns.....lb. .45 - .55
Avocado, cns., dms.....lb. 1.05 - 1.25
Babassu,[1,7] tanks.....lb. .1110- —
Bay, W. I., 50-55%, cns.....lb. 1.50 - 1.65
Puerto Rican, 55-60%, cns..lb. 1.55 - 1.75
Bergamot, artif., cns.....lb. 2.25 - 4.25
natural, Brazilian, cns.....lb.10.00 -10.25
Italian, cns.....lb. 9.00 -10.00
Birch (see Oil, sweet birch).
Birchtar, crude, cns.....lb. No stocks
rectified, cns.....lb. No stocks
Bois de rose, Brazil, cns.....lb. No stocks
Mexican (see Oil, lignaloe wood).
Bone, dms., works.....gal. .65 - .70
Cade, USP IX (see Juniper tar).
Cajeput, tech., dms..... lb. 2.25 Nom.
redistilled ,USP IX, cns....lb. 2.40 Nom.
Calamus, cns.....lb.20.00 -21.00
Camphor, sassafrassy, cns...lb. No stocks
white, cns.....lb. No stocks
Cananga, native, cns.....lb.10.00 -11.00
rectified, cns.....lb.12.50 -13.50
Capsicum (see Capsicum, oleoresin)
Caraway, NF, cns.....lb.12.75 -16.00
Cardamom, bots.....lb.17.00 -18.00
Cassia, USP, cns.....lb. No stocks
Castor,[1] blown, ret. dms., c.l. lb. .15¼- —
l.c.l. .....lb. .16 - —
cold pressed, USP, bbls., c.l. lb. .14 - —
l.c.l. .....lb. .14½- —
cns. .....lb. .15¾- .17¾
dms., c.l. .....lb. .13¾- —
l.c.l. .....lb. .14½- —
tanks .....lb. .13 - —
dehyd., bodied, dms., cl.....lb. .1790- —
l.c.l. .....lb. .1830- —
tanks .....lb. .1750- —
unbodied, dms., c.l.....lb.16.90 - —
tanks .....lb. .1650- —
No. 3 tech., bbls., c.l.....lb. .13¾- —
l.c.l. .....lb. .14¼- —
dms., c.l. .....lb. .13½- —
l.c.l. .....lb. .14¼- —
tanks .....lb. .12¾- —
sulphonated, 50% (48% fat), dms., c.l..lb. .09½- .09¾
l.c.l. .....lb. .10½- .11
75% (63% fat), dms., c.l..lb. .12½- .12¾
l.c.l. .....lb. .13 - .13¼
80% (68% fat), dms., c.l..lb. .12¾- .13
l.c.l. .....lb. .13¾- .14
Cedarleaf,[1] USP, cns., dms..lb. 2.50 - 2.65
Cedarwood, dms.....lb. .85 - 1.00
Celery, bots.....lb.17.00 -20.00
Chaulmoogra, USP, cns.....lb. .70 - .75
Chinawood (see Oil, tung).
Cinnamon bark, bots.....lb.32.00 -45.00
leaf, dms.....lb. 1.50 - 1.85
Citronella, Ceylon, cns.....lb. 1.50 - 1.60
Java, cns.....lb. No stocks
Clove, USP, cns..... .....lb. 1.65 - 1.80
Coconut,[1,7] crude, Ceylon, bulk, c.i.f. N. Y..lb. .0885- —
Cochin type, bulk, c.i.f. N. Y..lb. .0935- —
Manila, bulk, c.i.f. N. Y..lb. .0835- —
ret. dms.....lb. .0885- .0985
edible, ex tax, dms.....lb. .0985- —
Cod, Newfoundland, dms...gal. .88 - .90
tanks .....gal. .86 - —
Codliver, USP, bbls., dms..gal. 2.20 - 3.25
Coriander, bots.....lb.25.00 -35.00
Corn,[1,7] crude, tanks, works..lb. .12¾- —
edible, dms., l.c.l.....lb. .16¼- .16¾
tanks .....lb. .1502- —
foots, acid 95%, tanks, dlvd. E..lb. .07¼- —
raw, 50%, tanks, dlvd. E..lb. .03½- —
Cottonseed,[1,7] cooking, l.c.l., ret. dms..lb. .16¼- —
crude, tanks, works.....lb. .12¾- .13¼
foots, acid, 95% tanks, dlvd. E..lb. .07⅞- —
raw, 50%, tanks, dlvd. E., lb. .03¾- —
salad, l.c.l., ret. dms.....lb. .16½- —
Creosote (see C).
Croton, NF, cns.....lb. 4.00 - 4.25
Cubeb, cns.....lb. No prices
Crude (see Petroleum, crude).
Cumin, bots.....lb.10.00 -10.25
Cypress, bots.....lb. 5.00 -12.00
Degras (see E).
Dillseed, bots.....lb. No stocks
Dillweed, dms.....lb. 4.30 - 4.40
Dip (see D).
Erigeron, cns.....lb. 2.25 - 2.40
Eucalyptus, cns.....lb. 1.18 - 1.25
Fennel, sweet, cns.....lb. 4.50 Nom.
Fir, Canada, cns.....lb. 2.50 - 2.75
Fishliver,[1,8] dms., less than 40,000 A units per gram... per million units. .14 - —
Oil, fishliver, for each 1,000 additional A units up to 200,000 per gram..... per million units. .001 - —
200,000 or more A units.... per million units. .30 - —
Fuel (see Petroleum, fuel oil).
Gaultheria (see Oil, wintergreen).
Geranium, Algerian, cns.....lb.16.00 -17.00
Bourbon, cns.....lb.16.25 -17.00
Russian, cns.....lb. No stocks
Turkish (see Oil, palmarosa).
Ginger, dist., bots.....lb.13.00 -14.00
Grapefruit, cns.....lb. 2.05 - 2.10
Grease, common, No. 1, bbls., c.l..lb. .14 - —
extra, No. 1, bbls., c.l.....lb. .14½- —
Winter strained, bbls., c.l..lb. .15 - —
prime, burning, bbls., c.l..lb. .16 - —
inedible, bbls., c.l.....lb. .15½- —
Guaiacwood, cns.....lb. 3.75 - 4.00
Hemlock, cns.....lb. 2.60 - —
Herring,[1] crude, tanks, Pac. coast..lb. .089 - —
Juniper, berry, dom., bots....lb. 9.00 - 9.25
Juniper tar, USP (see Juniper Tar).
Juniper wood, tech., cns.....lb. .90 - 1.00
Lard oil (see Oil, grease)
Laurel, bots.....lb. No prices
Lavandin, cns.....lb. 8.00 - —
Lavender flower, French, cns.lb.14.00 -18.00
Russian, cns.....lb. No stocks
spike, Spanish, pure, cns..lb. 3.00 - 3.25
tech., cns.....lb. 2.50 - 2.75
Lemon, USP, Calif., cns.....lb. 3.25 - —
Messina,[1] cns.....lb. 3.25 - —
Terpeneless, bots.....lb.40.00 -50.00
Lemongrass, cns., dms.....lb. 2.50 - 2.60
Lignaloe seed, Mexican, cns.lb. No stocks
wood, Mexican, cns.....lb. 3.75 - 4.75
Brazilian (see Bois de Rose).
Lime, dist., Jamaica, cns....lb. 7.25 - 7.50
Mexican, cns.....lb. 7.00 - 7.50
expressed, Jamaica, cns.....lb.12.50 13.50
Oil, linseed,[1,7] raw, dms., c.l.lb. .1550- —
l.c.l. .....lb. .1600- .1660
tanks .....lb. .1470- —
tankwagon .....lb. .1470- —
Boiled linseed oil, .004 higher than raw.
Linseed, replacement, dms., c.l. lb. .1400- .1560
tanks .....lb. .1320- .1470
Lubricating,[1] at refinery, extax, California, neutral, pale, 200-800 vis., 2¼-4 pour, tanks..gal. .07¼- .11
red, 200-900 vis., 4-6½ pour, plus tanks..gal. 07¼- .11¾
Group 3, bright stock, 150-160 vis., 0.25 pour, tanks, gal. .25 - —
neutral, 300 vis., No. 3, col., 0-10 pour, tanks, gal. .14½- .18
200-280 vis., No. 3, col., 15-25 pour, tanks..gal. .15 - .17½
Pa., bright stock, 140-150 vis., No. 8 color, 10-25 pour, tanks..gal. .24 - .30½
cylinder oils, 600-630 flash, tanks..gal .15 - 17
600-650, steam refd., tanks..gal. .15 - .15½
neutral, 70° F., No. 3 color, 150 vis., 25 pour, tanks..gal. .27 - .31
200 vis., 25 pour, tanks, gal. .29 - .33
Mace, dist., cns., dms.....lb. 4.50 - 5.00
Mandarin, Brazilian, cns....lb. 8.75 - 9.00
Menhaden,[1,7] crude, tanks, Balto..lb. .0690- —
refined, alkali, dms., c.l...lb. 1400- —
kettle-bodied, dms., l.c.l..lb. .1500- —
light-pressed, dms., l.c.l..lb. .1300- —
tanks .....lb. .1225- —
Mineral, white (see Oil, white mineral).
Oil, mustard, artif., USP, cns.lb. 1.46 - 1.60
Seed,[7] exp., dms., extra...lb. .14¾- —
Neatsfoot,[1] 15°, bbls., c.l..gal. 1.85 - 1.90
20°, bbls., c.l.....gal. 1.80 - —
30°, bbls., c.l.....gal. 1.60 - 1.65
pure, bbls., c.l.....lb. .15½- .16
Neroli, bots.....lb.200.00 -325.00
Nutmeg, dist., cns., dms....lb. 4.50 - 5.00
Oiticica,[1] liquid, dms., c.l...lb. .24 - —
dms., l.c.l.....lb. .24½- .25
Oleo,[1,7] extra, dms., Chicago.lb .1304- —
prime, dms., Chicago.....lb. .1275- —
Olibanum, bots.....lb. 5.00 - —
Olive, denat., dms.....gal. No stocks
edible,[1] Calif., 3%-½% f.f.a., dms., extra, works..gal. 4.30 - 4.80
imported, dms.....gal. No stocks
foots, dms.....lb. No stocks
sulphonated, 50% (40% fat), dms., c.l..lb. No stocks
l.c.l. .....lb. No stocks
80% (68% fat), dms., c.l.lb. No stocks
l.c.l. .....lb. No stocks
85% (68% fat), dms., c.l..lb. No stocks
l.c.l. .....lb. No stocks
Orange, sweet, dist., cs.....lb. 1.25 - —
expressed, USP, Brazilian, cns..lb. 1.40 - 1.50
Calif., cns.....lb. 1.65 - 2.00
Florida, cns., dms.....lb. 1.50 - 1.60
Messina, coppers.....lb. No stocks
West Indian, cns.....lb. 2.75 - 3.00
sequiterpeneless, bots.....lb.100.00 -112.00
Origanum, Spanish, cs.....lb. 2.40 - 2.75
Palm,[1,7] Niger, dms.....lb. .0865- —
Palmarosa, cns.....lb. 5.50 - 5.75
Palmkernel,[1,7] crude, bulk, c.i.f. N.Y..lb. .0835 Nom.
Paraffin,[1,4] 300° flash, 100-110 vis., tanks, G.S..gal. .08¼- .08¼
320° flash, 60-70 vis., tanks, G.S..gal. .08 - —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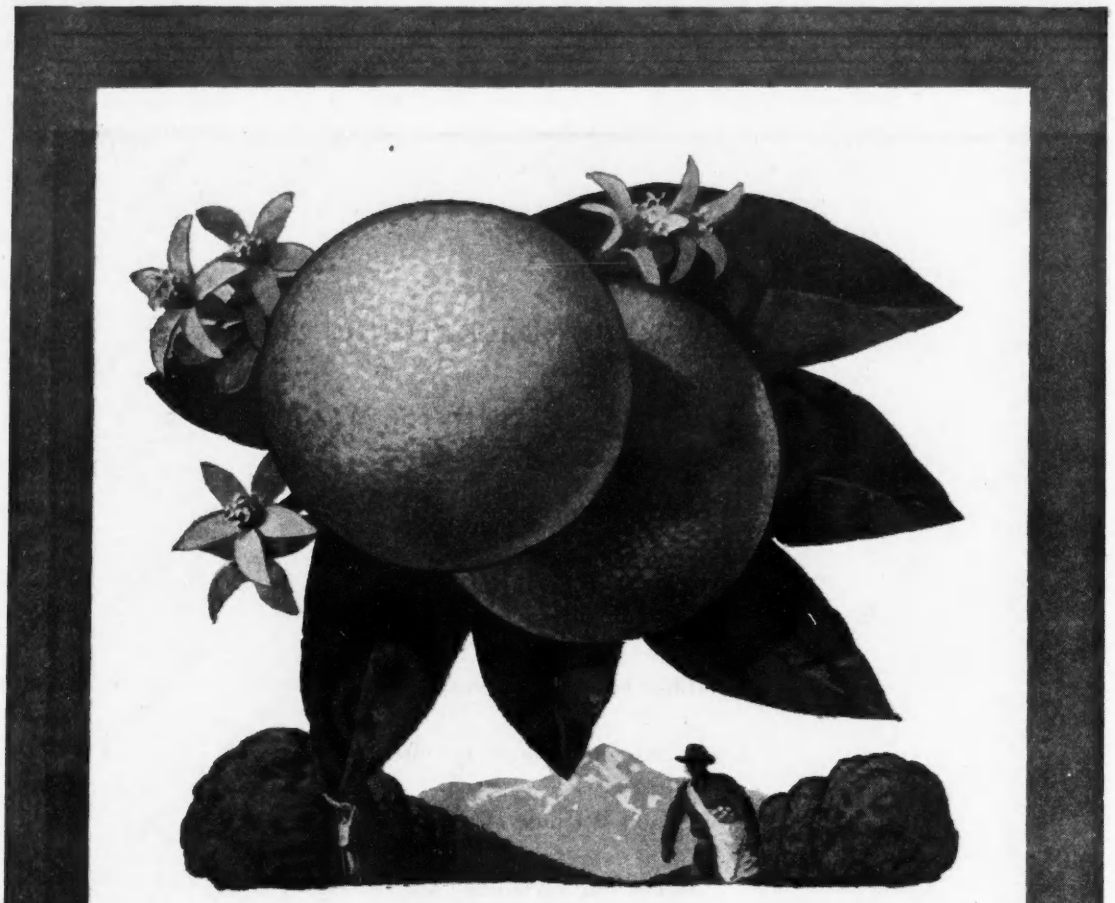
Oil, paraffin, 350° flash, 70-80 @ 100 vis., 0/10 pour, G.3.	gal.	.08 - —
80-85 vis., 0/10 pour, bbls., extra, Ind. ref'y.	gal.	.09½- —
100-110 vis., 0/10 pour, same basis.	gal.	.08½- .15
10/25 pour, same basis.	gal.	.08¾- .09¾
Patchouli, cns.	lb.	20.00 Nom.
Peanut,[1,7] bleached, deod., tanks, divd. E.	lb.	.1501- —
crude, tanks, works.	lb.	.12⅞- .13⅞
foots, acid, 95%, tanks, divd. E.	lb.	.08 - —
raw, 50%, tanks, divd. E.	lb.	.04 - —
hydrogenated, tanks, divd. E.,	lb.	.1573- .1575
Pennyroyal, dms., cns.	lb.	No prices
import, cns.	lb.	3.65 - 4.10
Peppermint,[1] natural, dms.	lb.	6.15 - 6.75
redist., USP, dms.	lb.	6.50 - 7.10
Perilla, crude, dms.	lb.	No stocks
Petitgrain, Paraguay, cns., dms.,	lb.	1.85 - 2.25
Pimento, berry, dms.	lb.	6.25 - 8.00
leaf, cns.	lb.	3.55 - 4.00
Pine,[1] ret. dms., c.l., divd. E.,	gal.	.63 - .63½
l.c.l., divd. E.	gal.	.73 - —
tanks, works.	gal.	.55 - —
Pineneedle, cns.	lb.	3.10 - 3.25
Putty,[2] bbls., E. Segundo, Richmont, Cal.	gal.	.22½- —
contracts	gal.	.19½- —
dms., c.l., Whiting, Ind.	gal.	*.34 - —
Boston, Providence.	gal.	.25 - —
l.c.l., same basis.	gal.	.27 - —
Oil, putty, tanks, same basis.	gal.	.18 - —
Martinez, Cal.	gal.	.28 - —

* Extra for bbls., but subject to quantity discounts, ranging from 2c. to 8c. per gallon, according to amount purchased.

Rapeseed,[1,7] bulk, New Orleans,	lb.	.1156½- —
Red,[1] ret. bbls., c.l., dms., divd. E. of Rockies.	lb.	.13¼- —
W. of Rockies.	lb.	.14¼- —
Texas and Okla.	lb.	.13¾- —
tanks, divd. E. of Rockies.	lb.	.12½- —
W. of Rockies.	lb.	.13½- —
Texas and Okla.	lb.	.13 - —
double distilled, ret. dms., c.l., divd. E. of Rockies.	lb.	.15⅞- —
W. of Rockies.	lb.	.16⅞- —
Texas and Okla.	lb.	.16⅝- —
special non-ret. dms., bbls., c.l., divd. E. of Rockies.	lb.	.16⅝- —
W. of Rockies.	lb.	.17⅝- —
Texas and Okla.	lb.	.17½- —

Red oil prices for ton lots are ½ cent per pound higher, and 1 cent higher for less than ton lots.

Rose, natural, coppers.	oz.	No stocks
Rosemary, Spanish, tech., cns., dms.	lb.	1.25 - 1.35
U.S.P., cns., dms.	lb.	1.35 - 1.60
Rosin, 1st rectified, dms.	gal.	.66 - —
2nd rectified, dms.	gal.	.68 - —
3rd rectified, dms.	gal.	.72 - —
Rue, bots.	lb.	5.00 - 5.25
Sage, Spanish, cns.	lb.	2.65 - 3.00
Oil, sandalwood, NF, cns.	lb.	6.75 - —
Mysore, cns., case lots.	lb.	7.00 - 7.25
Sardine, crude,[1,7] tanks, Pac. coast.	lb.	.089 - —
refined, alkali, dms., l.c.l.	lb.	.1400- —
kettle-bodied, dms., l.c.l.	lb.	.1500- —
light-pressed, dms., l.c.l.	lb.	.1300- —
tanks	lb.	.1225- —
Sassafras, artif., cns.	lb.	.55 - .60
natural, cns., dms.	lb.	1.85 - 2.30
Savin, cns.	lb.	No stocks
Savory, cns.	lb.	8.00 - —
Seal,[1] No. 1, tanks, U.S. ports.	lb.	.089 - —
Sesame,[1,7] tanks.	lb.	.1430- —
Shingle stain, bbls., c.l., works.	gal.	.2185- —
l.c.l., works.	gal.	.23 - .29
tanks, works.	gal.	.15 - .18
Snakeroot, Canada, cns.	lb.	No stocks
Soybean,[1,7] clarified, dms.	lb.	.1296- .1335
tanks	lb.	.1250- —
crude, tanks, Decatur.	lb.	.1175- —
deod., Winter, tanks.	lb.	.1393- —
ret. dms.	lb.	.1500- .1540
foots, acid, 95%, tanks, divd. E.	lb.	.07½- —
raw, 50%, tanks, divd. E.	lb.	.06½- —
refd., varnish, dms.	lb.	.1380- .1400
tanks	lb.	.1340- .1347
Spearmint, dms.	lb.	4.00 - 4.25
Sperm, bleached, 38°, dms.	lb.	.1443- —
natural, 45°, dms.	lb.	.1310- —
Spruce,[1] cns., dms.	lb.	2.00 - 2.60
Sunflower,[8] imp., refined, tanks,	lb.	.1433- —
semi-refined, tanks.	lb.	.1430- —
Sweet birch, North, cns.	lb.	4.00 - 5.00
South, cns.	lb.	2.50 - 3.75
Oil, tall,[1] crude, dms., c.l., wks.	ton.	53.65 -55.00
l.c.l., works.	ton.	58.65 - 63.65
tanks, works.	ton.	40.00 -45.00
refined, dms., c.l., works.	lb.	.05 - .05¼
l.c.l., works.	lb.	.05½- —
tanks, works.	lb.	.04½- —
Tallow, acidless, bbls.	lb.	.14½- —
tanks	lb.	.13⅜- —
Tansy, cns.	lb.	4.50 Nom.
Tar,[1] pine, crude, dms., c.l., divd. E. cities.	gal.	.32⅝- —
l.c.l., works.	gal.	.29⅝- —
tanks, divd. E. cities.	gal.	.27 - —
rectified, USP, bbls.	gal.	.60½- —
Tar acid (see T).		
Thyme, NF, red, cns.	lb.	2.75 - 3.00
white, cns.	lb.	3.05 - 3.50
Tung,[1,7] dms., c.l.	lb.	.39 - .39½
l.c.l.	lb.	.40 - .41
tanks	lb.	.35½- —
Turkey red (see Oil, castor, sulphonated).		
Turpentine, rectified, USP, cns., dms.	lb.	.25 - —
Vetiver, Bourbon, bots.	lb.	30.00 -32.00
Whale,[8] ref., natural, dms.	lb.	.1187 Nom.
Winter bleached, dms.	lb.	.1232 Nom.
Wheat germ, dms.	gal.	10.00 -13.50
White mineral, tech., 50-65 vis., dms., c.l.	gal.	.31 - —
l.c.l.	gal.	.34 - .38
65-75 vis., dms., c.l.	gal.	.32 - —
l.c.l.	gal.	.35 - .39
USP, 80/90 vis., dms., extra, c.l.	gal.	.34 - —
l.c.l.	gal.	.37 - .41
96/105 vis., dms., c.l.	gal.	.36 - —
l.c.l.	gal.	.39 - .43
125/135 vis., dms., c.l.	gal.	.40 - —
l.c.l.	gal.	.43 - .47
145/155 vis., dms., c.l.	gal.	.42 - —
l.c.l.	gal.	.45 - .49
175/185 vis., dms., c.l.	gal.	.44 - —
l.c.l.	gal.	.47 - .51
200/210 vis., dms., c.l.	gal.	.47 - —
l.c.l.	gal.	.50 - .54
320/330 vis., dms., c.l.	gal.	.51 - —
l.c.l.	gal.	.54 - .58
335/345 vis., dms., c.l.	gal.	.51 - —
l.c.l.	gal.	.54 - .58
55, 70 and 85 vis., ret. dms., 65 dms., San Francisco,	gal.	.40 - —
smaller lots, same basis,	gal.	.42 - .45
100 vis., 65 dms., San Francisco.	gal.	.49½- —
smaller lots, same basis,	gal.	.51½- .54½
145 vis., 65 dms., San Francisco.	gal.	.57 - —
smaller lots, same basis,	gal.	.59 - .62
180 vis., 65 dms., San Francisco.	gal.	.60½- —
smaller lots, same basis,	gal.	.62½- .65½
340 vis., 65 dms., San Francisco.	gal.	.72 - —
smaller lots, same basis,	gal.	.74 - .77
Wintergreen, natural, North, cns.	lb.	6.50 - 8.50
South, cns.	lb.	4.00 - 4.25
synthetic (see Methyl salicylate).		
Wood (see Oil, tung).		
Wormseed,[1] cns.	lb.	5.00 - 5.15
Wormwood, cns.	lb.	4.85 - 5.50
Ylang-ylang, Bourbon, bots.	lb.	10.00 -10.50
Oleostearin,[1,7] dms., Chicago.	lb.	.1061- —
Olivine, aggregate, c.l., mines.	ton.	7.00 - 9.50
crushed, 8 mesh, bulk, c.l., works.	ton.	8.00 - —
paper bgs., c.l., works.	ton.	9.50 - —
lumps, paper bgs., c.l., works.	ton.	7.00 - —
spalls, paper bgs., c.l., works.	ton.	5.00 - —
Opium gum, USP, cns., 50-lb. lots.	lb.	13.00 - —
25-lb. lots.	lb.	13.25 - —
smaller lots.	lb.	13.50 -13.65
Prices on powd. and gran. USP opium are $1.50 per pound higher.		
Orange, cadmium selenide, bbls., 100-lb. lots, works.	lb.	1.50 - —
Dinitroanilin, toner[1]	lb.	1.05 - —
Molybdate,[1,9] bbls.	lb.	.41 - —
Orthonitroanilin toner,[1] bbls., kgs., works.	lb.	.80 - 1.05
Persian,[1] bbls.	lb.	.30 - .45
Orange mineral, Amer., bbls., 5 tons, divd. Ala., Ark., Cal., Fla., Ga., La., Miss., Okla., Tex. and W. of Cascade Mts. in Ore. and Wash.	lb.	.12¼- —
Ariz., Idaho, Nev., Utah, and E. of Cascade Mts. in Ore. and Colo., Mont., N. M., Wyo.	lb.	.12½- —
other points.	lb.	.12 - —
smaller lots, Ala., etc.	lb.	.12⅝- —
Ariz., etc.	lb.	.13¼- —
Colo., Mont., N. M., Wyo.	lb.	.13 - —
other points.	lb.	.13⅛- —
Orange peel, bitter, Haitian, bgs.,	lb.	.13¼- .14
sweet, bls.	lb.	.14 - .14⅛
Oregano, Mexican, curly leaf, bgs.	lb.	.06½- .09
flat leaf, bgs.	lb.	.06¾- .09¾
Orris root, African, bls.	lb.	.25 - —
powd., bbls., bxs.	lb.	.90 - .95
Portuguese, bls.	lb.	.65 - .70
Verona, bls.	lb.	No stocks
Orthoamyiphenol, dms., works.	lb.	.25 - —
Orthoanisidin, bbls.	lb.	.70 - —
Orthochloroanilin, dms.	lb.	.60 - .70
Orthochlorophenol, dms.	lb.	.25 - .27
Orthocresol,[3,6] 30.4° C. min., M.P., dms., c.l., works.	lb.	.17½- .18
l.c.l., works.	lb.	.18 - .18½
29.0° C. min., M.P., dms., c.l., works.	lb.	.16½- .17
l.c.l., works.	lb.	.17 - .17½
Orthodichlorobenzene, dms., c.l., works, frt. alld. E. of Rockies,	lb.	.07 - —
l.c.l., same basis.	lb.	.08 - —
tanks, same basis.	lb.	.06½- —
Orthodichlorobenzene prices W. of Rockies 1c. per lb. higher.		
Orthonitroanilin, dms.	lb.	.43 - .55
Orthonitrobiphenyl, tech., grade A., dms., c.l., works.	lb.	.10 - —
l.c.l., works.	lb.	.11 - —
grade B, dms., c.l., works.	lb.	.06 - —
l.c.l., works.	lb.	.07 - —
Orthonitrochlorobenzene, dms.	lb.	.15 - .18
Orthonitroparachlorophenol, cns.,	lb.	.75 - —
Orthonitrotoluene, dms.	lb.	.60 - —
Orthophenetidin, dms.	lb.	.82 - —
Orthotoluidin, dms.	lb.	.19 - —
Osage orange crystals, bbls.	lb.	.23 - —
Extract, No. 1, bbls.	lb.	.11 - —
No. 2, bbls.	lb.	.10 - —
Oxyquinolin sulphate, cns., 100 lbs., works.	lb.	3.50 - —
smaller lots, works.	lb.	3.75 - 4.15



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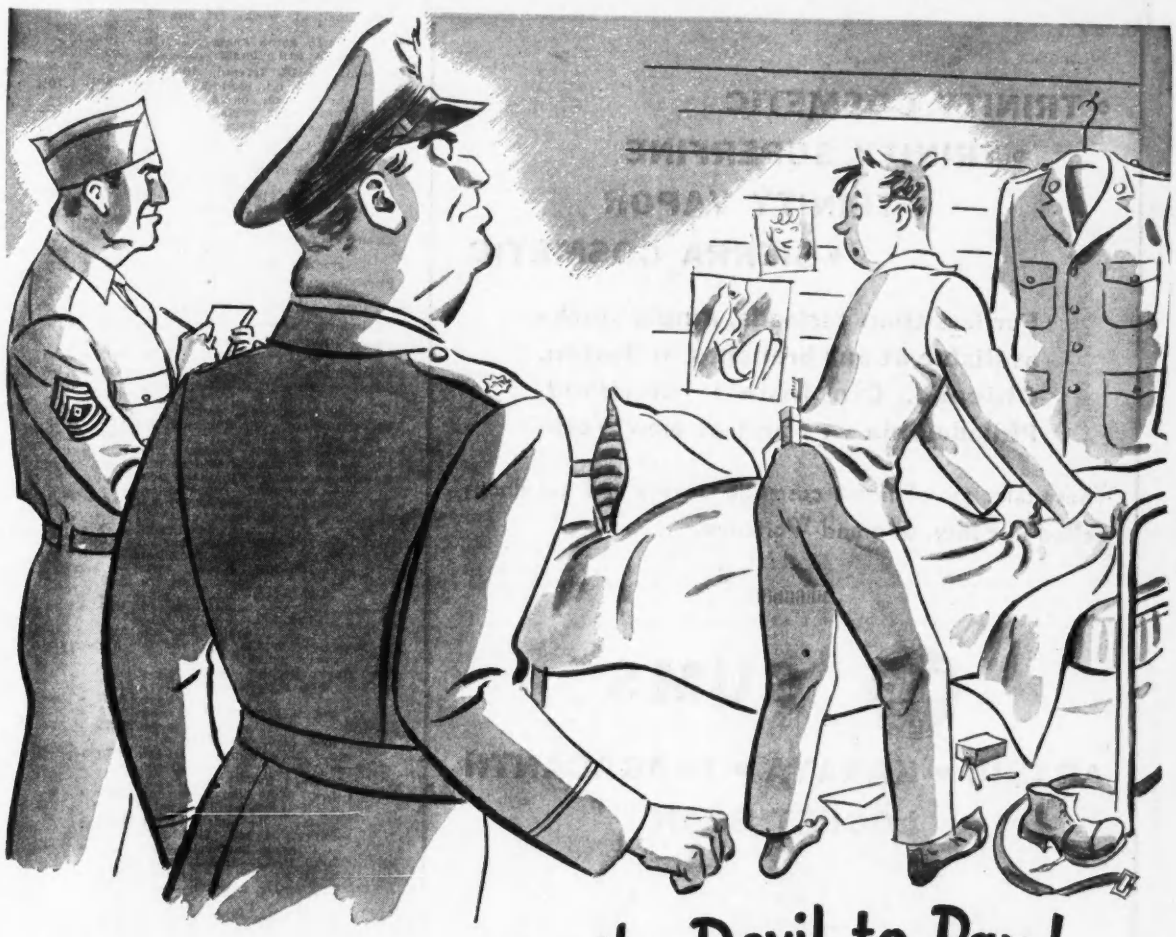
P

Papain, powd., cs.	lb.	3.50	- 3.75
Papaverine, natural or synthetic, hydrochloride, NF, cns., 100-oz. lots	oz.	7.00	- —
smaller lots	oz.	7.05	- 7.35
Sulphate, cns.	oz.	7.10	- 7.35
Paprika,[1] Calif., sweet Callente, ground, bgs.	lb.	.40	- .41
Chilean, bgs.	lb.	30½-	.31
Portuguese, bgs.	lb.	.39	- .40½
Spanish, bgs.	lb.	.45	- .46½
Para-anisidin, dms., works.	lb.	.75	- —
Parachlorophenol, dms., wks.	lb.	.26½-	.28
Parachlorophenol, dms., c.l., wks.	lb.	.24	- —
l.c.l., same basis	lb.	.25	- .27
Paracymene, dms., c.l., works.	lb.	.1595-	—
l.c.l., same basis	lb.	.1645-	—
tanks, same basis	lb.	.1545-	—
Paradichlorobenzene,[4] dms., c.l., works.	lb.	.11	- .12
l.c.l., same basis	lb.	.12½-	.13
Paraffin,[1] crude scale, white or yellow, 124-126 ASTM, bbls., c.l., refinery	lb.	.04¼-	—
fully ref'd, slabs, loose, 117-119 ASTM, c.l., refinery	lb.	.05	- —
120-122 ASTM, refinery	lb.	.0520-	—
122-124 ASTM, refinery	lb.	.0520-	—
125-127 ASTM, refinery	lb.	.0560-	—
127-129 ASTM, refinery	lb.	.0585-	—
128-130 ASTM, refinery	lb.	.0585-	—
130-132 ASTM, refinery	lb.	.0615-	—
132-134 ASTM, refinery	lb.	.0640-	—
135-137 ASTM, refinery	lb.	.0715-	—
140-142 ASTM, refinery	lb.	.0810-	—
146-148 ASTM, refinery	lb.	.1060-	—
Prices in bags 4/10c. per lb. higher			
Paraformaldehyde, dms., 1,000 lbs. or more, works.	lb.	.21	- —
smaller lots, works.	lb.	.22	- —
Paraldehyde, tech., 95% 55 and 110-gal. dms., l.c.l., wks.	lb.	.12	- —
10-gal. dms., works.	lb.	.15	- —
USP, cbys., cns.	lb.	.35	- .45
Paranitroaniliin, kgs., works.	lb.	.43	- .45
Paranitrochlorobenzene, xgs., wks.	lb.	.15	- —
Paranitsophenol, kgs.	lb.	.35	- —
Paranitrotoluene, kgs., works.	lb.	.30	- —
Paraphenylenediamine, tech., kgs.	lb.	2.00	- —
Paratoluenesulphonamide, bbls.	lb.	.70	- —
Paratoluidin, bbls., works.	lb.	.48	- —
Paris green,[1] dealer, distributor, dms., kgs., c.l., works, frt. alld.	lb.	.20	- .27
l.c.l., same basis	lb.	.22	- .28
Passion flower herb, bls.	lb.	.28	- .34
Patchouli leaves, bls.	lb.	.34	- .35
Pectin, bbls.	lb.	1.25	- —
Penicillin, ampules, per 100,000 unit.		.55	- .95
Pennyroyal leaves, bls.	lb.	.16	- .18
Pentachlorophenol, dms., works.	lb.	.20	- .25
Pentaerythritol, CP, bbls., divd.	lb.	.75	- —
smaller containers	lb.	1.00	- —
tech., bbls., c.l.	lb.	.27	- —
l.c.l.	lb.	.31	- —
Pentane, 28°-38° C, industrial grade, dms., c.l., Group 3	gal.	.11	- —
l.c.l., dms., Group 3	gal.	.19	- —
industrial grade, tanks, Group 3	gal.	.07⅛-	.07½
laboratory grade, 10-gal. cns., divd. E.	gal.	.55	- —
dms., c.l., Group 3	gal.	.16	- —
l.c.l., Group 3	gal.	.29	- —
Pepper, black,[1,7] 15 tons, bgs.	lb.	.10	- —
50 to 100 bgs.	lb.	.1050-	—
4 to 24 bgs.	lb.	.1100-	—
Red, capsicum, Carolina, longs, new crop, bgs., ship't point.	lb.	.32	- .32½
sports, old crop, bgs.	lb.	.46	Nom.
Louisiana, sports, bgs.	lb.	No stocks	
longs, new crop, bgs., ship't point.	lb.	.31	- .32
Chillies, bgs.	lb.	.22½-	.46
White,[1,7] bgs., 15 tons	lb.	.1161	Nom.
24 bgs.	lb.	.1295	Nom.
Peppermint, dom., USP, bls.	lb.	.70	- .75
imported, bls.	lb.	.90	Nom.
Perchlorethylene, dms., c.l., Zone 1, works, frt. alld.	lb.	.0782-	.0800
Zone 2, same basis	lb.	.0832-	.0850
Zone 3, same basis	lb.	.0882-	.0900
Zone 4, same basis	lb.	.0876-	.0900
l.c.l., Zone 1, same basis	lb.	.0832-	.0850
Zone 2, same basis	lb.	.0883-	.0900
Zone 3, same basis	lb.	.0932-	.0950
Zone 4, same basis	lb.	.0926-	.0950

Perchloroethylene zones are:—(1) Conn., Del., Ill., Ind., Ia., Ky., Me., Md., Mass., Mich., Minn., Mo., Neb. (Omaha), Kans. (Kansas City), N. J., N. Y., N. C., Ohio, Pa., R. I., Tenn., Vt., Va., W. Va., Wis.; (2) Ala., Ark., Fla., Ga., Kansas, La., Miss., Neb., N. D., Okla., S. C., S. D.; (3) Col., Mont., (E) N. M., Tex., Wyo.; (4) Ariz., Cal., Idaho, Mont. (W), Nev., Ore., Utah, Wash.

Peru balsam, dms.	lb.	1.25	- 1.30
Petrolatum, tech., dark, bbls., Group 3, c.l.	lb.	.021	- —
golden topaz, bbls., c.l.	lb.	.032	- —
l.c.l.	lb.	.036	- —
red, veterinarian, bbls., c.l.	lb.	.024	- —
l.c.l.	lb.	.026	- —
Petrolatum, USP, amber, dms., c.l.	lb.	.03½-	—
l.c.l.	lb.	.04½-	—
extra amber, dms., c.l.	lb.	.03½-	—
l.c.l.	lb.	.04½-	—
cream, c.l., dms.	lb.	.04¾-	—
l.c.l.	lb.	.06¼-	—
yellow, soft, dms., c.l.	lb.	.03¼-	—
l.c.l.	lb.	.04¼-	—
white, lily, dms., c.l.	lb.	.05½-	—
l.c.l.	lb.	.07	- —
snow, dms. c.l.	lb.	.06¼-	—
l.c.l.	lb.	.07¾-	—
soft, dms., c.l.	lb.	.05½-	—
l.c.l.	lb.	.06¼-	—
Petroleum, crude, bulk, at wells, California, heavy grades,	bbl.	.93	- 1.01
Illinois	bbl.	1.37	- —
Kentucky, Union County,	bbl.	1.32	- 1.37
Louisiana-Arkansas	bbl.	.85	- 1.20
Oklahoma-Kansas	bbl.	.85	- 1.25
Pennsylvania	bbl.	1.31	- 9.00
Texas, Gulf coast	bbl.	1.06	- 1.86
North, North-Central	bbl.	1.01	- 1.25
Panhandle	bbl.	1.10	- 1.22
West	bbl.	.70	- 1.72
Wyoming	bbl.	1.12	- —
Ether, laboratory grade, 30°-60° C, 10-gal. cns., divd., E.	gal.	.55	- —
30°-60°C., dms., c.l., Group 3	gal.	.16	- —
l.c.l., Group 3	gal.	.29	- —
35°-60° C, 10-gal., cns., divd., E.	gal.	.55	- —
dms., c.l., Group 3	gal.	.16	- —
l.c.l., Group 3	gal.	.29	- —
40°-75° C, 10-gal., cns., divd., E.	gal.	.55	- —
dms., c.l., Group 3	gal.	.16	- —
l.c.l., Group 3	gal.	.29	- —
Petroleum, fuel oil, furnace, tanks, at refinery, Arkansas, No. 1.	gal.	.04	- —
Nos. 2 and 3	gal.	.03½-	—
Bayonne, No. 2, tanks.	gal.	.052	- —
California, heavy	bbl.	1.10	- —
light	bbl.	1.20	- —
diesel	gal.	.04	- —
stove dist.	gal.	.05	- —
Group 3, No. 3	gal.	.03½-	—
No. 5	bbl.	.85	- —
No. 6	bbl.	.80	- .85
Kansas, No. 3	bbl.	.85	- .90
Oklahoma, No. 2	gal.	.03¾-	—
No. 6	bbl.	.90	- —
No. 14-16	bbl.	.97	- —
Pennsylvania, No. 1.	gal.	.07	- .07¾
No. 2	gal.	.07	- .0805
No. 3	gal.	.06¾-	.07¾
36-40 gravity	gal.	.07	- .07¾
bunker C, tanks, Albany, N.Y.	bbl.	1.75	- —
Baltimore, Md.	bbl.	1.55	- —
Boston, Mass.	bbl.	1.595	- —
Charleston, S. C.	bbl.	1.45	- —
Jacksonville, Fla.	bbl.	1.48	- —
New Haven, Conn.	bbl.	1.57	- —
New York, N. Y.	bbl.	1.55	- —
Norfolk, Va.	bbl.	1.515	- —
Philadelphia, Pa.	bbl.	1.55	- —
Portland, Me.	bbl.	1.60	- —
Portsmouth, N. H.	bbl.	1.60	- —
Port Tampa, Fla.	bbl.	1.32	- —
Providence, R. I.	bbl.	1.55	- —
Savannah, Ga.	bbl.	1.445	- —
Wilmington, N. C.	bbl.	1.47	- —
Lacquer diluent, California, 100 l.b.n., 200 e.p., tanks, divd. Los Angeles.	gal.	.11	- —
Fort Wells, Wash.	gal.	.12	- —
San Francisco	gal.	.11½-	—
Willbridge, Ore.	gal.	.12	- —
Petroleum, lacquer, diluent, East coast, N. J., N. Y., tanks, refinery.	gal.	.11½-	—
Group 3, benzol type, tanks,	gal.	.07⅛-	—
toluol type, tanks	gal.	.07⅛-	—
Mineral spirits, California, San Francisco, 163-232 b.r., tanks,	gal.	.10¼-	—
198-200 b.r., tanks	gal.	.10¼-	—
312-408 b.r., tanks	gal.	.09	- —
246-397 b.r., tanks	gal.	.10½-	—
362-458 b.r., tanks	gal.	.09	- —
East coast, N. J., N. Y., tanks, refinery.	gal.	.10	- —
Group 3, tanks, refinery.	gal.	.06½-	—
tankwagon, Baltimore	gal.	.135	- —
Boston	gal.	.12	- —
Bridgeport, Conn.	gal.	.1430-	—
Buffalo	gal.	.1240-	—
Camden, N. J.	gal.	.11	- —
Chicago	gal.	.1150-	—
Detroit	gal.	.1380-	—
Hartford	gal.	.1430-	—
Kansas City, Mo.	gal.	.1280-	—
Lancaster, Pa.	gal.	.12	- —
Milwaukee	gal.	.1240-	—
Minneapolis	gal.	.1220-	—
Newark	gal.	.11	- —
New York	gal.	.11	- —
Philadelphia	gal.	.11	- —
Pittsburgh	gal.	.125	- —
Providence	gal.	.13	- —
Rochester	gal.	.1320-	—
St. Louis	gal.	.1370-	—
Syracuse	gal.	.14	- —
Washington, D. C.	gal.	.135	- —
Wilmington, Del.	gal.	.11	- —
Naphtha, cleaners, California, tanks, San Francisco.	gal.	.12	- —
East coast, N. J., N. Y., tanks, refinery.	gal.	.11	- —
Group 3, tanks, refinery,	gal.	.07½-	—
Petroleum, naphtha, cleaners, tankwagon, Newark	gal.	.12	- —
Bridgeport	gal.	.1730-	—
Chicago	gal.	.1360-	—
Detroit	gal.	.15	- —
Milwaukee	gal.	.1440-	—
Minneapolis	gal.	.1420-	—
New York	gal.	.12	- —
Philadelphia	gal.	.123	- —
St. Louis	gal.	.1470-	—
high-solvency, No. 1, over 76% arom., tanks, Bayway, N. J.	gal.	.21½-	—
No. 2, tanks, over 90% arom., same basis.	gal.	.21½-	—
No. 3, tanks, same basis.	gal.	.22½-	—
No. 8, tanks, same basis.	gal.	.228	- —
No. 30, tanks, Kingsland, N.J., frt. alld.	gal.	.223	- —
No. 40, tanks, Wilmington, Cal.	gal.	.13½-	—
V.M.&P. at refinery, California, 46.5 254 i.p.b., 380 e.p., tanks, El Segundo.	gal.	.11	- —
Richmond	gal.	.11½-	—
Willbridge, Ore., Pt. Wells, Wash.	gal.	.12	- —
54-77, 190 i.b.p., 310 e.p., Los Angeles	gal.	.10	- —
San Francisco	gal.	.10½-	—
Portland, Seattle.	gal.	.11	- —
Group 3, tanks	lb.	.07½-	—
Gulf Coast (divd. New Orleans), tanks.	gal.	.06¼-	—
tankwagon, Boston	gal.	.13	- —
Chicago	gal.	.1380-	—
Detroit	gal.	.15	- —
Milwaukee	gal.	.1540-	—
Minneapolis	gal.	.1520-	—
Newark (200 gals.)	gal.	.125	- —



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Petroleum naphtha, VM&P, tank-wagon, New York	gal.	.12	—
Philadelphia	gal.	.125	—
Pittsburgh	gal.	.12½	—
St. Louis	gal.	.1470	—
Solvent, rubber, at refinery, California, San Francisco	gal.	.23½	—
East Coast, N. J., N. Y., tanks	gal.	.11	—
Group 3, tanks	gal.	.07¼	.07½
Stoddard (CS 8-33), at refinery:—			
California (f.o.b. San Francisco), tanks	gal.	.11	—
East Coast, N. J., N. Y. tanks	gal.	.10	—
Group 3, tanks	gal.	.06¾	—
Pennsylvania, western, tanks	gal.	.07¼	.07½
tankwagon, Baltimore	gal.	.13	—
Boston	gal.	.12	—
Chicago	gal.	.13½	—
Detroit	gal.	.1580	—
Milwaukee	gal.	.1440	—
Minneapolis	gal.	.1420	—
Newark	gal.	.11	—
New York	gal.	.11	—
Philadelphia	gal.	.11	—
Pittsburgh	gal.	.12½	—
St. Louis	gal.	.1370	—
Syracuse	gal.	.14	—
toluol, tanks, dlvd. E	gal.	.27	—
xylol, tanks, dlvd. E	gal.	.26	—
Sulphonates,[6] 63% sulphonic content, ret. dms., c.l., works	lb.	.09¾	—
l.c.l., works	lb.	.09¾	.10¾
tanks, works	lb.	.09¼	—
50% sulphonic content, ret. dms., c.l., works	lb.	.09¾	—
l.c.l., works	lb.	.09¾	.10¾
tanks, works	lb.	.09¼	—
Phenobarbital, cns	lb.	3.60	3.70
dms., 100 lbs	lb.	3.50	—
Phenol,[2,6] 90-92% (cresol, 8-10%), dms., c.l., works, frt. equald.	lb.	.10	—
l.c.l., same basis	lb.	.10¾	—
tanks, same basis	lb.	.09	—
Phenol, 82-84% (cresol, 16-18%), dms., c.l., same basis	lb.	.09¾	.10¼
l.c.l., same basis	lb.	.10½	—
tanks, same basis	lb.	.08¾	.09¼
USP, dms., c.l., same basis	lb.	.10¼	—
l.c.l., same basis	lb.	.11¼	—
tanks, same basis	lb.	.09½	—
Phenolphthalein, USP, bbls., dms., 2,000 lbs.	lb.	.85	—
smaller lots	lb.	.87	.92
Yellow, fib. dms., 2,000 lbs.	lb.	.80	—
smaller lots	lb.	.82	.87
Phenothiazin, NF, fib. dms., 2,000 lbs.	lb.	.49	—
smaller lots	lb.	.54	—
Phenylacetaldehyde, solut., 50%, bots.	lb.	2.45	3.00
100%, bots.	lb.	4.40	5.00
Phenylethyl acetate, dms.	lb.	4.00	4.25
Phenylethylphenyl acetate, bots.,	lb.	5.50	7.90
Phenylhydrazin, base, CP, bots.	lb.	4.55	—
Hydrochloride, CP, bots., works,	lb.	7.10	—
commercial, kgs., works	lb.	1.75	—
Phloroglucinol, CP, fib. dms.	lb.	13.75	14.75
tech., fib. dms.	lb.	12.00	12.50
Phosgene, ton lots, works	lb.	.19	—
Phosphate, defluorinated (see under D).			
Phosphate rock,[1,2] Fla., land pebble, unground, run-of-mine, washed, dried, 68%-66% b.p.l., bulk, car at mine, c.l.	long ton.	2.20	—
70%-68%, same basis	long ton.	2.60	—
72%-70% b.p.l., same basis	long ton.	3.20	—
75%-74% b.p.l., same basis	long ton.	4.20	—
77%-76% b.p.l., same basis	long ton.	5.20	—
entirely pebble, 50c. per ton higher than above prices.			
finely ground, 65.5% b.p.l., 30% P_2O_5 minimum	short ton.	3.15	—
68%, basis 31% P_2O_5 minimum	short ton.	3.35	—
70%, basis 32% P_2O_5 minimum	short ton.	3.70	—
Tenn., brown, unground, run-of-mine, 70-68% b.p.l., 5% i. & a., same basis	long ton.	5.30	—
72%-70% b.p.l., 5½% i. & a., same basis	long ton.	5.80	—
refinery, ground, 29% P_2O_5, same basis	long ton.	4.95	—
30% P_2O_5, same basis	long ton.	5.15	—
31% P_2O_5, same basis	short ton.	5.25	—
32% P_2O_5, same basis	short ton	5.50	—
33% P_2O_5, same basis	short ton.	6.00	—
Phosphorus, red, amorphous, cs.	lb.	.40	.44
tins, export	lb.	.55	—
yellow, cns.	lb.	.23	.25
dms., c.l.	lb.	.14½	—
Oxychloride,[6] dms., c.l.	lb.	.10½	—
l.c.l., dms.	lb.	.12½	.15
Pentoxide,[6] dms., c.l., wks.	lb.	.11	.12
l.c.l., works	lb.	.13	.14
Sesquisulphide,[6] cs.	lb.	.38	.42
Trichloride,[6] dms., c.l.	lb.	.10½	—
l.c.l.	lb.	.12½	.15
Phthalamide, bbls., works	lb.	.35	.40
kgs., works	lb.	.45	.50
Phthalic anhydride, bgs., bbls., c.l., works, frt. alld. E. of Denver	lb.	.13	—
l.c.l., same basis	lb.	.14	—
Pichi leaves, bgs	lb.	.07	.08
Picoline (see Alphapicoline and Betapicoline).			
Picrotoxin, bots.	oz.	8.00	—
Pilocarpine hydrochloride, USP, bots., vis.	oz.	3.75	5.10
Nitrate, bots., vis.	oz.	3.65	5.00
Pimento,[1] Jamaica, bgs.	lb.	.22½	.23
Pinetar,[4] retort, dms. incl. c.l., works	gal.	.31	—
l.c.l., works, dms. incl.	gal.	.32	—
tanks, dlvd. E.	gal.	.27	—
Pinkroot, bls.	lb.	1.10	1.15
Piperazine hexahydrate, bots.	lb.	16.00	—
Pitch, burgundy (see B).			
Coaltar,[2] 160° m.p., bbls., c.l., works	ton.	19.00	—
l.c.l., works	ton.	22.00	—
Cottonseed, dms., works	lb.	.04	.06
Hardwood, paper bgs., works	lb.	.03½	—
Linseed, dms.	lb.	.05	.05¼
Petroleum (see Asphaltum, Mexican, Texas).			
Pine, dms.	100 lbs.	6.50	—
stands, 200 lbs.	stand.	6.00	—
Soybean, dms., works	lb.	.04	.06
Plaster of paris (see Gypsum).			
Podophyllin, dms.	lb.	8.75	9.00
Pokeroot, bls.	lb.	.15	.18
Polystyrene, plain colors, dms., 30,000 lbs., works, frt. alld.	lb.	.32	—
20,000 lbs., frt. alld.	lb.	.33	—
smaller lots, frt. alld.	lb.	.34	.36
Water-clear, polystyrene, 7c. per lb. less than plain colors.			
Pomegranate, root bark, bgs.	lb.	.75	.76
Poppy flowers, bls.	lb.	.60	.70
Seed, Canadian, bgs.	lb.	No stocks	
Domestic, blue, bgs.	lb.	No stocks	
Dutch, futures	lb.	.40	.41
Indian, white, bgs.	lb.	No stocks	
South American, bgs.	lb.	.45	.46
Turkish, bgs.	lb.	.26	.27
Potash abietate	lb.	.08	—
Acetate, USP, bbls., dms.	lb.	.28	.30
cns.	lb.	.31	.33
Arsenite,[6] USP, solut., cbys., djns.	lb.	.13	.15
Bicarbonate, USP, cryst., gran., bbls., dms.	lb.	.19	.21
Bichromate,[1,6] bgs., c.l., works.	lb.	.10	—
l.c.l., works	lb.	.10¼	.10¾
Potash bichromate in bbls. ½c. higher.			
Borate, gran., bbls., N.Y. or Chi.	lb.	.1015	—
Bromide, USP, gran., 500-lb. bbls., dms.	lb.	.25	—
100-lb. kgs.	lb.	.26	—
Carbonate, cal., bbls., c.l., works.	lb.	.06½	—
l.c.l., same basis	lb.	.06¾	—
hydrated, 83-85%, bbls., c.l., works.	lb.	.05½	—
dms., l.c.l., same basis.	lb.	.06¾	—
USP, gran., bbls., dms.	lb.	.14	.20
powd., bbls., dms.	lbs.	.19	.21
Caustic, low-chloride, 90% basis, flake, dms., c.l., works.	100 lbs.	9.31	—
l.c.l., works.	100 lbs.	9.68½	—
liquid, dms., c.l., works.	100 lbs.	8.56	—
l.c.l., works.	100 lbs.	8.68½	—
tanks, works.	100 lbs.	8.06	—
solid, dms., c.l., works.	100 lbs.	8.56	—
l.c.l., works.	100 lbs.	8.93½	—
regular, flake, 88-92%, dms., c.l., works.	lb.	.07	—
l.c.l., works.	lb.	.07¼	.07½
liquid, 45% basis, dms., c.l., works, frt. alld.	lb.	.03½	—
l.c.l., same basis.	lb.	.03¼	.03½
tanks, same basis.	lb.	.02¾	—
solid, 88-92%, dms., c.l., works.	lb.	.06½	—
l.c.l.	lb.	.06½	.06¾
Chromate,[6] bgs.	lb.	.24	.28
Chlorate,[1] cryst., kgs., c.l., works.	lb.	.11	.11¾
l.c.l., works.	lb.	.119	.13
powd., dms., kgs., c.l., works.	lb.	.09¾	—
l.c.l., works.	lb.	.119	.13
export, 1 to 10 tons, kgs., ex whse.	lb.	.16	.18
Chloride, tech., cryst., 96%, bgs., kgs.	lb.	.08	Nom.
Citrate, USP, gran., bbls., dms.,	lb.	.33½	.38½
powd., 3c. per lb. higher.			
Cyanide, dms., works	lb.	.55	—
Fluoride, bbls.	lb.	.34	.40
Glycerophosphate, 75% sol., cns., cbys.	lb.	1.65	1.67
dms., 1,000-lb. lots	lb.	1.50	—
100-lb. lots	lb.	1.60	—
Guaiacolsulphonate, NF, dms.	lb.	1.65	1.85
Hydroxide, USP, sticks, dms.	lb.	.34	.36
Hypophosphite, cns.	lb.	.72	.75
Iodate, bots., 5 lbs.	lb.	3.46	—
cns., 25 lbs.	lb.	3.35	—
Iodide, bots., cns.	lb.	1.44	1.48
dms.	lb.	1.35	1.38
Manure salt,[6] 22% K_2O, Carlsbad, N. M.	unit-ton.	.20	—
25% K_2O, same basis	unit-ton.	.21	—
Metabisulphite, gran., bbls.	lb.	.19	.21
powd., bbls.	lb.	.25	—
Muriate, dom.,[6] 60-62-63% K_2O, bulk, ex vessel, ports	unit-ton.	.53½	—
granular, 50-52% K_2O	unit-ton.	.53¼	—
Domestic muriate of potash prices, basis f.o.b. Carlsbad, N. M., are 11.2c. per unit of K_2O less than ex vessel price, basis Trona, Cal.; 8c. per unit of K_2O less than ex vessel price at Pacific coast ports.			
Nitrate (see Saltpeter).			
Oxalate, neutral, pure, gran., bbls., dms.	lb.	.37	.50
tech. fine gran., bbls., dms.	lb.	.28	.31
Perchlorate, kgs., works	lb.	.09¾	.11
Permanganate, tech., dms., wks.	lb.	.19¾	.20¼
USP, dms., works	lb.	.20½	.21
Persulphate, dms., c.l., works,	lb.	.16	—
l.c.l., same basis	lb.	.20	—
Prussiate, red, kgs.	lb.	.50	.53
Yellow, bbls.	lb.	.16	.17
Ricinoleate, tech., bbls.	lb.	.18	—
Silicate, glass, bgs., c.l., works.	ton.	200.00	—
l.c.l.	100 lbs.	15.25	—
solution, 29° Be, ret. drums, c.l., works.	100 lbs.	4.25	—
l.c.l., 5 or more, works.	100 lbs.	5.00	—
1-4, works.	100 lbs.	5.50	—
32° Be, ret. dms., c.l., wks.	100 lbs.	4.75	—
l.c.l., 5 or more, works,	100 lbs.	5.50	—
1-4, works.	100 lbs.	6.00	—
40.5° Be, ret. dms., c.l., works.	100 lbs.	5.75	—
l.c.l., 5 or more, works.	100 lbs.	6.50	—
1-4, works.	100 lbs.	7.00	—
Sulphate, NF, gran.	lb.	.14	.20
powd., bbls.	lb.	.15	.21
tech., dom., bulk,[6] basis 90-95% K_2SO_4, min., 90% ex vessel, Atl. or Gulf ports.	ton.	36.25	—
Sulphocyanide, NF, dms.	lb.	.70	.78
Thiocyanate, bbls.	lb.	.62	.66
kgs.	lb.	.70	.78
Xanthate, dms., c.l.	lb.	.12	—
Potash-gold cyanide, 41% gold, bots., works.	oz.	14.20	14.95
Potash-magnesia sulphate, bulk,[6] min., 40% K_2SO_4, 18.50% MgO, ex vessel, ports	ton.	26.00	—
Potash-soda ferricyanide, kgs., works.	lb.	.40	.43
Potash-titanium oxalate, bbls., dms.	lb.	.45	.50
Prickly ash bark, bls.	lb.	.23	.25
Berries, bgs.	lb.	.20	.21
Prince's pine herb, bls.	lb.	.63	.65
Procaine hydrochloride, cns., 100-lb. lots.	lb.	4.00	—
smaller lots.	lb.	4.25	4.75
Propane,[1] industrial grade, tanks, Group 3.	gal.	.03¾	—
Propyleneglycol,[6] dms., c.l., frt. alld. in E.	lb.	.15½	—
l.c.l., same basis.	lb.	.16½	—
tanks, same basis.	lb.	.14½	—
Psyllium seed (see Flaseed).			
Pulsatilla, bls.	lb.	.65	.66
Pumice, grd., fine, bgs., ton lots,	lb.	.03¾	—
smaller lots.	lb.	.03¾	.04
coarse, 0½, 1, 1½, 2, 3, bgs., ton lots.	lb.	.03¾	—
smaller lots.	lb.	.03¾	.04¼
Chi., ton lots.	lb.	.04¼	—
Pumice in bbls. is ½c. per lb higher.			

Pumpkin seed, bgs.....lb. No stocks
Purple lake (see Red).
Putty, com'l, dms.....100 lbs. 3.15 - —
linseed oil, raw, dms....100 lbs. 5.00 - —
refined, dms.....100 lbs. 5.50 - —
standard, dms.....100 lbs. 4.20 - —
Pyrethrum,[1] concentrate, dewaxed, 20% for aerosol bombs, bbls., works.....lb. 9.25 - 9.50
liquid (20 to 1), basis 2 grams pyrethrins per 100 cc., bbls., works..gal. 7.15 - —
(30 to 1), basis 3 grams pyrethrins per 100 cc., bbls., works..gal. 10.05 - —
Flowers, coarse-grd., 0.9% pyrethrins, bbls., works..lb. .31½- —
fine-grd., 0.9% pyrethrins, bbls., works..lb. .33¾- —
powder, 0.5% pyrethrins, bbls., works..lb. .25 - —
Pyridin, denaturing, ret. dms., works, frt. equald..gal. 1.55 - 1.60
refd., 2°, ret. dms., same basis, lb. .45 - .45½
Pyrites, Spanish, c.i.f. Atl. ports, long ton. 8.00 -10.00
Pyrocatechin (see Catechol).
Pyronate, dms., works.....gal. .75 - 1.25
Pyrophyllite, standard, 200 mesh, c.l., bulk, mines..ton. 10.00 -11.50
325 mesh, same basis....ton. 13.00 -13.90
No. 3, 200 mesh, c.l., mines.ton. 9.50 - —
325 mesh, same basis.....ton. 11.50 - —
Pyrophyllite in paper bags, $1.50 per ton extra.
Pyroxylin, transparent, c.s., works, lb. .19 - —
black, cs., works.....lb. .17 - —
China, white ivory, cs., works, lb. .17 - —
dense, white, cs., works..lb. .17 - —
gray, cs., works.....lb. .17 - —
mixed, mottled, cs., wks, lb. .14 - —
translucent pastels, cs., works, lb. .17 - —
transparent, cs., works.....lb. .19 - —
colors, cs., works.....lb. .17 - —
shavings, amber, cs., works..lb. .17
mixed colors, cs., works...lb. .14 - —
white, cs., works.....lb. .17 - —

Q

Quassia chips, bls.....lb. .08 - .09
Quebracho extract,[1] solid, 63%, bgs., c.l., ex dock, in bond, based on ocean freight, $12; insurance $1 per ton. Any difference for buyers account..lb. .05¾- .06¾
clarified, 64%, bgs., c.l., same basis..lb. .06½- .06¾
dissolved, 35% tan., bbls., works..lb. .04575- .0595
tanks, works.....lb. .04075- —
ground, 70%, bgs., c.l.....lb. .089 - —
l.c.l., bgs.....lb. .0915- —
Queen of the meadow root, bgs. lb. .11 - .13
Quercitron, crystals, bbls.....lb. .26 - —
extract, bbls., No. 1.....lb. .10 - —
No. 2.....lb. .09½- —
No. 3.....lb. .09 - —
solid, bxs.....lb. .16½- —
Quicksilver, flasks (76 lbs. net). flask. 100.00 -105.00
Quince seed, bgs.....lb. 1.30 - 1.75
Quinidine,[6] NF V, cryst., cns.oz. No stocks
powd., precip., cns.....oz. No stocks
Sulphate, USP, cns.....oz. No stocks
Quinine,[6] NF, cns., 100 ozs...oz. No stocks
Acetate, cns., 100 ozs.....oz. No stocks
Arsenate, cns., 100 ozs.....oz. No stocks
Arsenite, cns., 100 ozs.....oz. No stocks
Bisulphate, USP, cns., 100 ozs. oz. No stocks
Dihydrobromide, bots., 50 ozs.. oz. No stocks
Citrate, cns., 100 ozs.....oz. No stocks
Ethylcarbonate, USP, cns., 100 ozs..oz. No stocks
Ferrocyanide, cns., 100 ozs. oz. No stocks
Formate, cns., 100 ozs.....oz. No stocks
Glycerophosphate, cns., 100 ozs. oz. No stocks
Hydrochloride, USP, cns., 100 ozs..oz. .80½- —
Hydrochlorosulphate, cns., 100 ozs..oz. No stocks
Hydroiodide, cns., 100 ozs...oz. No stocks
Hypophosphite, cns., 100 ozs.oz. No stocks
Phosphate, NF, cns., 100 ozs.. oz. No stocks
Salicylate, NF, cns., 100 ozs.oz. No stocks
Sulphate, USP, cns., 100 ozs.oz. .80½- —
Sulphocarbolate, cns., 100 ozs.. oz. No stocks
Tannate, USP X, cns., 100 ozs. oz. No stocks
Tartrate, cns., 100 ozs.....oz. No stocks
Valerate, NF IV, 100 ozs...oz. No stocks
Quinine-urea hydrochloride,[6] USP, cns..oz. No stocks
Quinoline, dms., c.l., works...lb. .24½- .50

R

R salt, dry, bbls.....lb. .65 - —
paste, dms.....lb. .52 - —
Raspberries, dried, bls.....lb. 1.65 - 1.70
Red, alizarin lake,[3] bbls., divd. N. of Tenn. and N. C., E. of Miss. R., including St. Paul, Minneapolis, Davenport, Rock Island, St. Louis...lb. 1.10 - 1.90

Prices ½c. per lb. higher divd. Ala., Fla., Ga., La. (Shreveport, 1¼c.); Miss., N. C., S. C., Tenn., Tex. (Dallas, Ft. Worth, 1¼c.) El Paso, 2c.), Cedar Rapids, Des Moines, Kansas City, Lincoln, Omaha, St. Joseph; 1.6c. per lb. higher divd. Pacific Coast prices equaled with Chicago divd. Denver, Pueblo, Salt Lake City, Wichita.

Cadmium lithopone, deep shade, bbls., E. Rockies..lb. 1.00 - —
light shade, bbls., same basis..lb. .85 - —
medium shades, bbls., same basis..lb. .80 - —

Red cadmium lithopone, all shades, in smaller pkgs., 5c. per lb. higher.

Selenide, dark, bbls., works, lb. 2.50 - —
light, same basis.....lb. 2.20 - —
Orange (see Orange).
Carmine, No. 40, dms., 100-lb. lots, works..lb. 4.60 - —
smaller lots, same basis..lb. 4.75 - 5.25
Crocus Martis (see Red, purple oxide).
Dyes (see Dyes, coaltar).
Eosin toner, bbls., works....lb. 1.35 - —
Firetoner, dom., bbls., works.lb. .85 - —
Indian, dom., pure, bbls., Bethlehem, Easton, E. St. Louis, N. Y..lb. .09¼- —
80-85%, bbls., same basis.lb. .09¾- —
Imp., English, all shades lb 12 - —
Red, iron oxide, pure, bbls....lb. .09 - .09¾
reduced, 85% copperas oxide, bbls., l.c.l., Bethlehem, Pa.; Copley, O.; Easton, Pa., and E. St. Louis..lb. .06¾- —
80% copperas oxide, bbls., same basis..lb. .065 - .066
Lacquer, maroon, bbls., wks..lb. 1.25 - —
Lake C toner, alizarin, bbls., works..lb. .90 - —
Lithol toner, alizarin, lake, bbls., works..lb. .60 - —
Pink, bbls., works.....lb. .20 - .25
Rose lake, bbls., works...lb. .25 - .28
Lithol-rubin toner, alizarin lake, bbls., works..lb. 1.10 - —
Maroon, alizarin lake 25% kgs., works..lb. .40 - —
Cadmium, bbls., works....lb. 1.10 - —
deep, bbls., same basis..lb. 1.20 - —
Maroon, in smaller pkgs., 5c. per lb higher.
Mercury oxide,[2] tech., bbls., 10,000 lbs., works..lb. 2.60 - —
smaller lots, works.....lb. 2.62 - —
Metallic, bbls., works.....lb. .02 - —
Oxide (see Red, iron oxide).
Para[3] toner, concent., alizarin lake, kgs., works..lb. .70 - —
Persian (see Orange).
Phloxin toner (see Red, eosin toner).
Phosphotungstic, rhodamine, Y, kgs., works..lb. 4.15 - —
Purple lake, kgs.....lb. 1.00 - —
Scarlet ink toner, kgs., works, lb. .55 Nom.
Spanish oxide, grade 1, c.l., bbls...lb. .04¾- .07¾
Toluidin toner, alizarin lake, kgs., works..lb. 1.05 - —
MNPT maroon toner, kgs., works..lb. 3.25 - —
Turkey, bbls., works.....lb. .14½- —
Tuscan, bbls., E. St. L.....lb. .11 - —
Venetian, 5%, bbls., wks....lb. .0220- —
10%, bbls., works.....lb. .0245- —
15%, bbls., works.....lb. .0265- —
20%, bbls., works.....lb. .02¾- —
25%, bbls., works.....lb. .03 - —
30%, bbls., works.....lb. .03½- —
35%, bbls., works.....lb. .0360- —
40%, bbls., works.....lb. .04 - —
Vermilion, Amer., bbls.....lb. .25 - .40
Quicksilver, bbls.....lb. 2.50 - 2.65
Red precipitate,[2] NF, powd., fib. dms..lb. 2.77 - 2.79
Red saunders wood, grd., bbls.lb. .35 - —
Resorcinol, tech., dms., works.lb. .64 - 74
USP, cryst., dms., frt. alld..lb. 1.60 - —
Rhatany root, bgs.....lb. .16 - .17
Rhubarb, whole, cs.....lb. .35 - .36
powd., bbls.....lb. .40 - .41
Riboflavin, bots.....kilo. 200.00 - —
Rice bran concentrate, dms., Cedartown, Ga. or Emeryville, Calif., seller's option. lb. .79 - —
Rochelle salt, cryst., bbls., 5,000 lbs., 1 ship't..lb. .43½- —
smaller lots.....lb. .44 - .47
powd., bbls., 5,000 lbs., 1 ship't..lb. .42½- —
smaller lots.....lb. .43 - .46
Rose flowers, pale, futures, bls.lb. .57 - .60
Rosemary flowers, bls.....lb. 1.55 - 1.65
Leaves, Portuguese, bls.....lb. .11 - .11½
Spanish, bls.....lb. .13¾- .14¼
Rosin, gum,[1,4,7]—
B, dms., c.l.....100 lbs. 6.68 - —
D, dms., c.l.....100 lbs. 6.75 - —
E, dms., c.l.....100 lbs. 7.28 - —
F, dms., c.l.....100 lbs. 7.38 - —
G, dms., c.l.....100 lbs. 7.43 - —
H, dms., c.l.....100 lbs. 7.44 - —
I, dms., c.l.....100 lbs. 7.44 - —
K, dms., c.l.....100 lbs. 7.48 - —
M, dms., c.l.....100 lbs. 7.50 - —
N, dms., c.l.....100 lbs. 7.66 - —
WG, dms., c.l.....100 lbs. 7.91 - —
WW, dms., c.l.....100 lbs. 8.15 - —
X, dms., c.l.....100 lbs. 8.18 - —
Wood,[1,4,7] B (resin), dms., c.l., works..100 lbs. 8.00 - —
FF, dms., c.l., works.100 lbs. 4.50 - —
G, H, I, dms., c.l., works.. 100 lbs. 4.95 - —
K, dms., c.l., works..100 lbs. 5.00 - —
M, dms., c.l., works..100 lbs. 5.05 - —
N, dms., c.l., works..100 lbs. 5.15 - —
WG, dms., c.l., works.100 lbs. 5.25 - —
WW, X, dms., c.l., works... 100 lbs. 5.40 - —
Rotenone,[1,6] bbls., works.....lb. 10.90 -13.50
extract, liq., dms., works.... per unit. 1.05 - —
powder (see Cube root).
Rottenstone, bgs., c.l., mines.. ton. 25.50 - —
l.c.l., mines.....ton. 37.50 - —
Rue, bls.....lb. .48 - .50

S

Sabadilla seed, sowd., bbls....lb. .32 Nom.
Saccharin,[1] soluble and insoluble, 1,000 lbs. and up..lb. 1.30 - 1.35
smaller lots.....lb. 1.40 - 1.60
Saffron, Mexican, bls.....lb. 1.20 - 1.30
Persian, tins.....lb. 48.00 - —
Spanish, NF, tins.....lb. 37.00 -38.00
Safrol, cns.....lb. 1.00 - 1.10
Sage,[1] Calif., leucophylla, bgs., Pacific coast..lb. .30 - .31
Dalmatian-type, bgs., Pacific coast..lb. .67 - .68
Cyprus, good, bls.....lb. .17½- .18
fair, bls.....lb. No stocks
Greek, bls.....lb. .15 - .15½
Palestine, bls.....lb. .16 - .16½
Spanish, bls.....lb. .17½- .18
Washington, Dalmatian-type, bls..lb. .65 - .66
Sago flour, bgs.....lb. .05 - .05¾
Salicin, bots., 5 lbs.....lb. No stocks
cns., 25 lbs.....lb. No stocks
Saligenin, dms.....lb. 15.00 -20.00
Salol, gran., bbls., kgs.....lb. .90 - —
fib. dms.....lb. .92 - .98
Powdered salol, 10c. higher.
Washington, bls., futures, source lb. .70 - .71
Salt rock, bgs, c.l.....ton. 14.20 - —
l.c.l., bgs.....ton. 17.20 -18.00
vacuum, common, fine, bgs., c.l..ton. 15.70 - —
l.c.l. .....ton. 19.60 -23.30
Saltcake, dom., bulk, works..ton. 15.00 - —
Chrome (see Chrome cake).
Saltpeter, dbl. ref., gran., bbls., 10 ton lots..100 lbs. 8.20 - —
smaller lots.....100 lbs. 8.35 - 8.60
powd., bbls., 10-20 ton lots.. 100 lbs. 9.20 - —
smaller lots.....100 lbs. 9.35 - 9.60
Sanguinarine nitrate, bots....oz. 3.75 - —
Santonin, cryst., powd., cns.kilo. 170.00-175.00
Saponin, No. 1, cns.....lb. 1.75 - 1.90
No. 2 cns .....lb. 1.40 - —

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Sarsaparilla root, dom., bls..lb. .35 - .37
Honduras, bls.....lb. .45 - .47
Mexican, bls.....lb. .32 - .33
Sassafras bark, ordinary, bls..lb. .40 - .45
Sassafras bark, ord., bls.....lb. .40 - .45
select, bls.....lb. .60 - .65
Savory, Calif., bls.....lb. .75 - .76
Spanish, bls.....lb. .22 - .23
Saw palmetto berries, bgs.....lb. .20 - .21
Scammony resin, lump, cns...lb. 1.30 - —
powd., cns.....lb. 1.35 - —
Root, bgs.....lb. .09 - .10
Schaeffer's salt, bgs.....lb. .46 - —
Scullcap, Eastern, bls.....lb. .60 - .65
Seidlitz mixture, bbls., 5,000 lbs., 1 shipment..lb. .33½- —
smaller lots.....lb. .34½- —
kegs, 5,000 lbs., 1 shipm't..lb. .34½- —
smaller lots.....lb. .34½- —
Selenium, pwd., cns., 10 lb. lots..lb. 1.85 - —
cs., 1,000 lb. lots.....lb. 1.75 - —
Senega root, bls.....lb. 1.80 - 1.85
Senna, Alex., half-leaf, bls....lb. .19 - .23
siftings, bgs.....lb. .18 - .19
Tinnevelly, No. 1, bls.....lb. .17 - .17½
2, bls.....lb. .15 - .15½
3, bls.....lb. .14 - .15
powd., bbls., bgs.....lb. .15 - .17
Pods, bls.....lb. .09 - .10
Serpentaria root, bls.....lb. 1.50 - 1.60
Shellac,[1] bleached, bonedry, bbls., 1,000-lb. lots..lb. .42½- —
Boston .....lb. .43½- —
Chicago .....lb. .44 - —
Pacific coast.....lb. .46 - —
refined, bbls., 1,500-lb. lots..lb. .48½- —
Boston .....lb. .49½- —
Chicago .....lb. .50 - —

Shellac, bleached, bonedry, refined, bbls., Pacific coast..lb. .52 - —

Bonedry shellac sales of less than 1,500 lbs., at following additions to maximum prices: (1) packed in bgs., ¾c. per lb.. (2) bbls., 1c. more; (3) kgs., 3c. more.

D.C., V.S.O., Diamond I, 100 bgs..lb. .4060- —
Garnet, 100 bgs.....lb. .3890- —
Superfine, 100 bgs., Boston, N. Y..lb. .3660- —
Chicago .....lb. .3710- —
Pacific coast.....lb. .3960- —
TN, 100 bgs., Boston, N.Y....lb. .3550- —
Chicago .....lb. .3600- —
Pacific coast.....lb. .3805- —

Shellac in cs., 2c. higher. Shellac sales. 1 bg. or 1 cs., 5c. additional; 1 to 9 bgs. or cs., 2c. more; 10 to 99 bgs., cs., 1c. more.

Silica, amorph., dry-grd., 325 mesh, bgs., c.l., Ill. works..ton.17.00 - —
l.c.l., works .....ton.20.00 - —
400 mesh, bgs., c.l., works, ton.18.00 - —
l.c.l., works .....ton.19.00 -20.00
wet-grd., 325 mesh, bgs., c.l., works..ton.18.00 - —
l.c.l., same basis....ton.21.00 - —
400 mesh, bgs., c.l., works, ton.30.60 - —
l.c.l., works .....ton.35.00 -38.00
99%, 325 mesh, bgs., c.l., works..ton.20.00 - —
l.c.l., works .....ton.21.50 -23.00
99%, 325 mesh bgs., c.l., works..ton.20.00 - —
l.c.l., works .....ton.22.00 -25.00
hard-quarts, 99½%, 325 mesh, bgs., c.l., works.....ton.15.50 - —
l.c.l., works .....ton.18.50 -

Silica, hard-quartz, 99½%, 140 mesh, bgs., c.l., works..ton.11.00 - —
l.c.l., works .....ton.16.00 - —
Silicon tetrachloride, tech., dms., c.l., works..lb. .15½- —
l.c.l., works.....lb. .18½- .27
Silver bullion.....oz. .71111- —
Cyanide, cns., 100 ozs.....oz. .41½- —
Nitrate, cns., 100 ozs., bots., 2,500-oz. lots..oz. .47 - —
1,000-oz. lots.....oz. .47¼- —
smaller lots.....oz. .47½- .47⅝
Nucleinate, USP, bots., dms.oz. .308 - .358
Proteinate, USP, bots., dms., oz. .288 - .338
Simarubra bark, bls.....lb. .55 - .60
Skunk cabbage root, bls.....lb. .25 - .30
Slate flour, bgs., c.l., works.ton.11.00 -13.00
l.c.l., works.....ton.12.00 -13.00
Sloe berries, bgs.....lb. .40 - .41
Smalt, black, ctns.....lb. .05 - .08
Blue, ctns.....lb. .07 - .08¼
Snakeroot, Canada, bls.....lb. .80 - .85
Soapbark, bls.....lb. .13 - .13½
crushed, bls., bbls.....lb. .16 - .17
cut, dom., bls., bbls.....lb. .18 - .19
imp., bbls.....lb. No stocks
powd., bbls.....lb. .18 - .19
Soda acetate, anhyd., dms., dlvd. lb. .08¼- .10
NF, cryst., bbls., kgs.....lb. .14 - .16
tech., 60%, l.c.l., dlvd.....lb. .05½- .06
Alginate, refined, water-soluble, bbls., works..lb. .79 - —
semi-refined, bbls., works..lb. .42 - —
white, powd., dms.....lb. 1.50 - 1.60

Soda aluminate,[6] for water treat., bgs., c.l., works..100 lbs. 7.50 - —
l.c.l., works.....100 lbs. 8.40 - —
other uses, bgs., c.l., works 100 lbs. 7.00 - —
l.c.l. .....100 lbs. 7.50 - 8.00
Antimoniate, bbls., dlvd....lb. .16 - .16½
Arsenate,[6] dms., dealers, c.l., works..lb. .09½- —
l.c.l., works .....lb. .10¾- .11¼
Arsenite,[6] gray, dms., dealers, c.l., works..lb. .08¾- —
l.c.l., works .....lb. .09 - .10

Soda arsenite, gray, ¾c. higher in Chi.; 2c. higher in Houston, Tex., and Palo Alto, Calif.

Ash, dense, 58%, bgs., c.l., works..100 lbs. 1.15 - —
l.c.l., dlvd., zone 1....100 lbs. 2.18 - —
2 .....100 lbs. 2.33 - —
3 .....100 lbs. 2.58 - —
4 .....100 lbs. 2.98 - —
bbls., c.l., works, zone 1..100 lbs. 1.35 - —
l.c.l., zone 1.....100 lbs. 1.35 - —
2 .....100 lbs. 2.50 - —
3 .....100 lbs. 2.75 - —
4 .....100 lbs. 3.15 - —
bulk, c.l., works...100 lbs. .96 - —
extra, light, 58%, bgs., c.l..100 lbs. 1.18 - —
l.c.l., dlvd., zone 1.....100 lbs. 2.13 - —
2.....100 lbs. 2.28 - —
3.....100 lbs. 2.53 - —
4.....100 lbs. 2.93 - —
bbls., c.l., works...100 lbs. 1.45 - —
l.c.l., dlvd., zone 1.....100 lbs. 2.45 - —
2.....100 lbs. 2.60 - —
3.....100 lbs. 2.85 - —
4.....100 lbs. 3.25 - —
bulk, c.l.....100 lbs. .90 - —
light, 58%, bgs., c.l., works, 100 lbs. 1.05 - 1.13
l.c.l., dlvd., zone 1.....100 lbs. 2.13 - —
2.....100 lbs. 2.28 - —
3 .....100 lbs. 2.53 - —
4 .....100 lbs. 2.93 - —
bbls., c.l., works...100 lbs. 1.35 - —
l.c.l., dlvd., zone 1.....100 lbs. 2.35 - —
2.....100 lbs. 2.50 - —
3.....100 lbs. 2.75 - —
4.....100 lbs. 3.15 - —
bulk, c.l.....100 lbs. .90 - —

Soda ash sales zones are:—(1) All States E. of Miss. R. and N. of south bound. of Ky. and Va.; also Ala., La., and Miss., S. of 31°, Tex. E. of 100°, S. of 31°, Fla.; also Me., N. H., and Vt., in which there are special county zones; Davenport, Ia., and St. Louis; (2) Ark., E. of 98° Ga.; Iowa (except Davenport), Minn.; Mo. (except St. Louis), Neb. E. of 98°, N. C., S. C., Tenn. and Tex. N. of 31° and E. of 100° (except Wichita Falls); also Ala., La., and Miss. No. of 31°; (3) Ark. W. of 98°, Kans., Neb., W. of 98°, N. D., Okla., S. D., Tex., W. of 100° (including Wichita Falls (excluding El Paso); (4) Ariz., Colo., Idaho, Mont., Nev., N. M., Utah, Wyo., and El Paso, Tex.

Benzoate, tech., bbls., 2 tons or more..lb. .39 - —
smaller lots.....lb. .40 - .41
USP, dms., 2 tons or more..lb. .46 - —
smaller lots.....lb. .47 - .52
Bicarbonate, tech., bgs., c.l., works..100 lbs. 1.55 - —
l.c.l., works.....100 lbs. 1.90 - —
USP, gran., bgs., c.l., works. 100 lbs. 2.10 - —
l.c.l. .....100 lbs. 2.45 - —
Bichromate,[1,4] bgs., c.l., wks. lb. .07¾- —
l.c.l., works.....lb. .07¾- .08¼

Soda bichromate in bbls. ¼c. higher.

Bifluoride, bbls., c.l., frt. alld. B..lb. .11½- —
l.c.l., same basis.....lb. .12 - .14
kgs., same basis.....lb. .12½- .14
Bisulphite, powd., bbls., c.l., works..100 lbs. 3.00 - 3.10
l.c.l., works.....100 lbs. 3.50 - 3.60
solut., 32°, bbls., c.l., works. 100 lbs. 1.30 - —
l.c.l., works.....100 lbs. 1.55 - —
30°, bbls., c.l., works.100 lbs. 1.35 - —
l.c.l., works.....100 lbs. 1.60 - —
35°, bbls. c.l., works.100 lbs. 1.40 - —
l.c.l., works.....100 lbs. 1.65 - —
40°, bbls., c.l., works.100 lbs. 1.55 - —
l.c.l., works.....100 lbs. 1.80 - —
Bromide, USP, gran., bbls., 500 lbs., works..lb. .25 - —
fiber dms., 100 lbs., works. lb. .26 - —
Cacodylate, bots., dms.....lb. 9.00 -12.90
Carbonate (see Soda ash, Soda monohydrate, Soda sal).
Caustic, flake, powd., 76%, dms., c.l., works..100 lbs. 2.70 - —
l.c.l., Zone 1, dlvd..... 100 lbs. 3.55 - —
2, dlvd.....100 lbs. 3.70 - 5.05
3, dlvd.....100 lbs. 3.95 - 5.30
4, dlvd.....100 lbs. 4.35 - 5.70
liquid, 47-49%, buyer's tanks, works..100 lbs. 1.92½- —
seller's tanks, works..... 100 lbs. 1.95 - —
70%, buyer's tanks, works.. 100 lbs. 1.97½- —
seller's tanks, works..... 100 lbs. 2.00 - —
solid, 76%, dms., c.l., works, 100 lbs. 2.30 - —
l.c.l., Zone 1, dlvd..... 100 lbs. 3.15 - —
2, dlvd.....100 lbs. 3.30 - —
3, dlvd.....100 lbs. 3.55 - —
4, dlvd.....100 lbs. 3.95 - —

Caustic soda zones are same as soda ash.

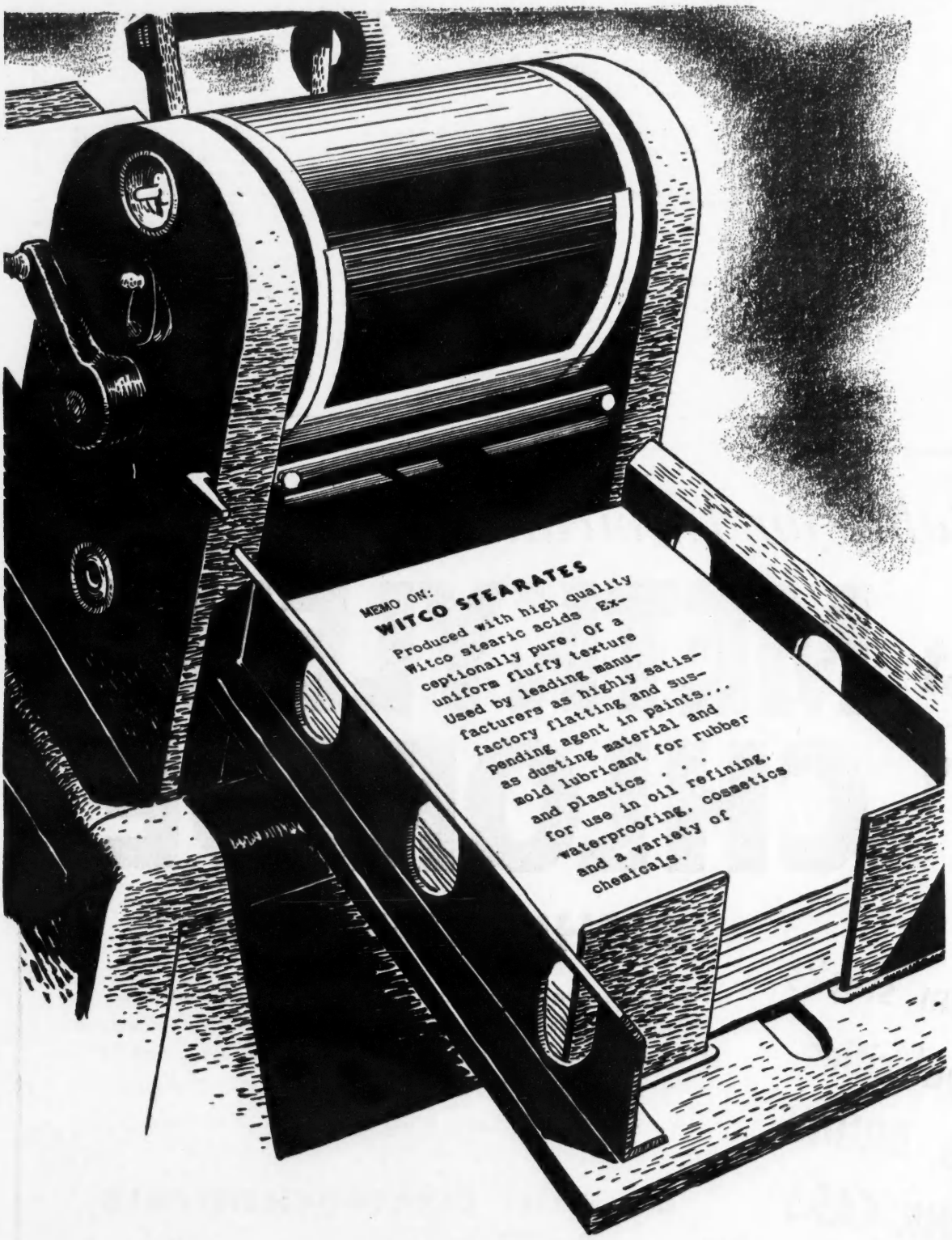
Chloride (see Salt).
Chlorate, cryst., kgs., c.l., wks. lb. .06¼- —
l.c.l., works.....lb. .06½- —
powd., kgs., c.l., works....lb. .06½- —
l.c.l., works.....lb. .07 - .08¼
Chromate,[1,5] bbls., cks., c.l., works, frt. equald..lb. .09¼- —
l.c.l., works, frt. equald..lb. .09½- .09¾

Soda chromate in bgs. is ¼c. lower.

Citrate, USP VIII, bbls.....lb. .18½- —
dms. .....lb. .19½- .22½
USP XII, gran., bbls.....lb. .24 - —
dms. .....lb. .25 - .29
powd., bbls.....lb. .24½- —
dms. .....lb. .25½- .29½
Cyanide, 96-98%, dms.....lb. .14½- .15
dlvd..lb. .09½- .10½
anhydrous, dms., dlvd.....lb. .12½- —
Diacetate, 33-35% acidity, bbls.,
Fluoride, white, 90%, bbls., c.l., works..lb. .07 - —
l.c.l., works.....lb. .08 - —
95%, bbls., c.l., works...lb. .07½- —
l.c.l., works.....lb. .08½- —

Soda fluoride prices at Los Angeles are f.a.s. works.

Formate, bgs., c.l., works...lb. .0655- —
l.c.l., works.....lb. .068 - —
Glutamate, monobasic, kgs..lb. 1.04 - 1.06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Soda glycerophosphate, NF, crys., bbls..100 lbs. 1.25 - —
dms. .....lb. 1.40 - —
powder, 5c. higher.
solution, 50%, cbys., cns...lb. .82 - .90
Hydrosulphite, dms., c.l., frt. alld..lb. .16½- —
l.c.l., frt. alld.....lb. .18 - —
Hydroxide, USP, sticks, dms..lb. .24 - .26
tech. (see Soda caustic).
Hypophosphite, NF, cns.....lb. .67 - .70
Hyposulphite, crys., bgs., c.l., works, frt. equald..100 lbs. 2.25 - —
l.c.l., same basis...100 lbs. 2.50 - —
pea cryst., bgs., c.l., works.. 100 lbs. 2.60 - —
Soda, hyposulphite, crystals. in bbls., 20c. higher; pea crystals, dms., 50c. higher.
USP, cryst., bbls.....lb. .10 - .12
Iodate, dms., jars.....lb. 5.40 - 5.48
Iodide, bots.....lb. 2.53 - 2.57
dms., jars.....lb. 2.42 - —
Mandelate, dms.....lb. 3.25 - 3.35
Metaborate, gran., bbls., c.l., dlvd..lb. .0485- —
l.c.l., N. Y., or Chi....lb. .051 - —
bgs., c.l., dlvd.....lb. .0435- —
l.c.l., N. Y., or Chi.....lb. .046 - —
Metanilate, bgs.....lb. .40 - —
Metasilicate,[5] anhyd., dms., c.l., works, frt. equald.. 100 lbs. 4.00 - —
l.c.l., same basis...100 lbs. 4.90 - 5.20
gran., bbls., c.l., works, frt. equald..100 lbs. 2.50 - —
l.c.l., dlvd.....100 lbs. 3.30 - 3.55
Methylate, bots., works.....lb. 1.00 - —
cns., works.....lb. .55 - .60
dms., works.....lb. .45 - .60
Molybdate,[6] anhyd., kgs., works, lb. .47 - —
Monohydrate, bgs., c.l..100 lbs. 2.00 - —
works .....100 lbs. 2.45 - —
Naphthionate, bbls. .....lb. .50 - —
Nitrate,[8] crude, dom., 100-lb. bgs., c.l., works..ton. 30.05 - —
bulk, c.l., works.....ton. 27.00 - —
refd., gran., bbls., 10 tons.. 100 lbs. 3.60 - —
smaller lots.....100 lbs. 3.75 - 4.00
imp., 100-lb. bgs., c.l., Atl., Gulf, Pac. whse..ton. 33.00 - —
200-lb. bgs., same basis, ton. 32.40 - —
bulk, same basis.....ton. 30.00 - —
Nitrite, 96-98%, bbls., c.l., works, frt. equald..lb. .08¾- —
west coast ports..100 lbs. 8.00 - 8.65
l.c.l., dlvd. .....100 lbs. 8.90 - 11.90
Orthosilicate, anhyd., dms., c.l., works, frt. equald..100 lbs. 4.50 - —
l.c.l., same basis..100 lbs. 5.45 - 5.85
flake, dms., c.l., works.100 lbs. 3.10 - —
l.c.l., dlvd.....100 lbs. 4.30 - 4.55
Oxalate, neut., bgs., works..lb. .10 - —
Pantothenate, dextrorotary, 100-gram bots..per gram. .10 - —
Pentachlorophenate, briquete, bgs., works, frt. equald..lb. .17 - .18
powd., bgs., c.l., works, frt. equald..lb. .16 - .16¼
l.c.l., works, frt. equald.lb. .17 - —
kgs., l.c.l., works, frt. equald...lb. .19 - —
Perborate, NF, bbls., c.l., works..lb. .14¾- —
l.c.l., works .....lb. .15¼- —
Peroxide, dms., c.l., dlvd., E. of Miss..lb. .14 - —
smaller lots .....lb. .17 - —
Phosphate, dibasic, tech., anhyd., bgs., c.l., works.... 100 lbs. 6.00 - 6.25
l.c.l., works....100 lbs. 6.40 - 6.75
cryst., bgs., c.l., works.. 100 lbs. 2.55 - 2.70
l.c.l., works....100 lbs. 2.95 - 3.45
USP, XII, dried, bbls., dms., works..lb. .159 - —
monobasic, anhydrous, bgs., c.l., works..100 lbs. 7.25 - 8.25
l.c.l., works.....100 lbs. 7.65 - 9.00
tribasic, anhydrous, bgs., c.l., works, frt. equald..100 lbs. 6.00 - 6.05
l.c.l., same basis.100 lbs. 6.50 - 7.00
cryst., bgs., c.l., same basis, 100 lbs. 2.70 - —
l.c.l., same basis.100 lbs. 3.10 - —
kgs., c.l., works...100 lbs. 3.40 - —
l.c.l., works.....100 lbs. 3.80 - —
Soda phosphate in bbls. 20c. higher.
USP (see Sodium phosphate, dibasic.
Prussiate, yellow, bgs.....lb. .10¾- —
bbls. .....lb. .11 - —
Pyrophosphate,[9] tetra-basic, anhydrous, bgs., c.l., works, frt. equald..100 lbs. 5.25 - —
l.c.l., same basis.100 lbs. 5.40 - 5.75
Ricinoleate, tech., bbls.....lb. .12 - —
Sal, bgs. .....100 lbs. 1.35 - —
works .....100 lbs. 1.10 - —
bbls. .....100 lbs. 1.40 - —
works .....100 lbs. 1.20 - —
Salicylate, dms. .....lb. .52 - .54
Sesquicarbonate, bgs., c.l., works..100 lbs. 1.50 - —
bbls., c.l., works....100 lbs. 1.70 - —
l.c.l., zone 1, dlvd....100 lbs. 2.70 - —
2, dlvd .....100 lbs. 2.85 - —
3, dlvd .....100 lbs. 3.10 - —
4, dlvd .....100 lbs. 3.50 - —
Soda sesquicarbonate l.c.l. price zones are same as those for soda ash.
Sesquisilicate, dms., c.l., works, 100 lbs. 3.05 - —
l.c.l., dlvd. .....100 lbs. 4.05 - 4.20
Silicate, 40°, turbid, dms., c.l., works..100 lbs. .80 - —
l.c.l., works ....100 lbs. 1.05 - 1.20
tanks, works .....ton. 12.00 - —
52°, dms., c.l., works..100 lbs. 1.40 - —
l.c.l., works .....100 lbs. 1.65 - 1.80
tanks, works .....ton. 25.00 - —
Silicofluoride, bbls., c.l., works, lb. .06½- .07
l.c.l., works.....lb. .08 - .10
Stannate, dms., works, frt. alld. E..lb. .32½- .36¾
Stearate, bbls., works.....lb. .19 - .24
Sulphate, NF, dried, powd., bbls..lb. .07 - .07¼
tech., anhyd., bgs., c.l., works, 100 lbs. 1.70 - —
l.c.l., works.....100 lbs. 1.95 - 2.20
cryst. (see Glauber's salt).
USP, cryst., gran., bbls....lb. .07 - .10
Sulphide, cryst., bbls., c.l., works..100 lbs. 2.40 - —
l.c.l., dlvd.....100 lbs. 2.90 - 3.15
solid, bbls., c.l., works.100 lbs. 3.15 - —
l.c.l., dlvd.....100 lbs. 3.65 - 3.90
Sulphite, cryst., bgs., c.l., works..100 lbs. 2.10 - —
l.c.l., works.....100 lbs. 2.25 - —
bbls., c.l., works...100 lbs. 2.30 - —
l.c.l., works.....100 lbs. 2.55 - —
Sulphide, powd., bbls., c.l., works..100 lbs. 5.25 - —
l.c.l., works.....100 lbs. 5.50 - 6.00
Sulphocarbolate, USP IX, gran., bbls., dms..lb. .28 - .3[illegible]
powd., bbls.....lb. .30 - .3[illegible]
Sulphocyanide, CP, dms.....lb. .35 - .65
Sulphohydrate, liquid, 38%, dms., c.l., works, 100% basis, lb. .06 - —
l.c.l., works.....lb. .08 - —
tanks, 100% basis, works, lb. .03¾- —

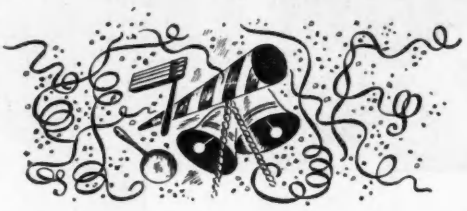
Soda sulphohydrate, flake 70-72%, dms., c.l., works..lb. .04½- —
l.c.l., works.....lb. .05 - —
Sulphoricinoleate, bbls.....lb. .12 - —
Tetrapyrophosphate,[9] anhyd., bgs., c.l., works, frt. equald..100 lbs. 5.25 - —
l.c.l., same basis..100 lbs. 5.40 - —
Thiosulphate (see Soda hyposulphite).
Tungstate,[6] tech., kgs.....lb. 1.35 - 1.50
Soda-cinchophen, bots., dms...lb. 3.75 - 3.85
Soda-formaldehyde sulphoxalate, stand. cont. 125-250 lbs...lb. .19 - .22
Soda-sulphadiazin, USP, dms..lb. 10.50 - 10.60
Soda-sulphamerazin, dms.....lb. 10.50 - 10.60
Soda-sulphapyridine, powd., bots., dms..lb. 5.00 - 5.30
Soda-sulphathiazole, USP, dms.. lb. 2.50 - 2.80
Solvent naphtha,[8] dms., wks. gal. .31 - —
tanks, E. of Omaha, frt. alld. gal. .26 - —
Minnequa, Colo.....gal. .26 - —
high-flash,[4] dms., works..gal. .32 - —
tanks, frt. alld. E. of Omaha to 2c. per gal..gal. .27 - —
wire-enamel,[4] ret. dms., c.l., frt. equalized..gal. .27 - —
l.c.l., same basis.....gal. .30 - —
tanks, works.....gal. .22 - —
Soybean meal,[3,7] 41%, bulk, c.l., Decatur..ton. 45.00 - —
Protein, alpha, bgs., 40,000 lbs., works..lb. .20 - —
20,000 lbs., works.....lb. .20¼- —
smaller lots, works.....lb. .20½- .24
Sorbitol, comi, dms., c.l., works, lb. .16¼- —
l.c.l., works.....lb. .16¾- —
Sparteine sulphate, bots., cns..oz. 2.25 - 2.30
Spearmint leaves, bls.....lb. .48 - .49
Spikenard root, bls.....lb. .48 - .49

Spruce extract, liq., reg., bbls., c.l., works..lb. .02½- —
tanks, works .....lb. .01½- —
pwd., super, bgs., c.l., wks.lb. .04½- —
Squaw vine, bls.....lb. .53 - .55
Squill, red, fortified, powd., bbls., bxs..lb. 2.25 - —
White, bls.....lb. .11 - .12
powd., bbls., bxs.....lb. .1[illegible] - .20
St. Ignatius beans, bgs.....lb. No stocks.
St. John's bread, edible, bls...lb. .10¾- .11⅛
Starch, corn, pearl, bgs..100 lbs. 4.08 - —
Chicago .....100 lbs. 3.72 - —
powd., bgs. .....100 lbs. 4.19 - —
Chicago .....100 lbs. 3.83 - —
Potato, bgs., c.l.....lb. .0637- —
l.c.l. .....lb. .0712- —
Rice, bgs., c.l. .....lb. No stocks.
Sweetpotato, bgs.....lb. No stocks
Wheat, thick boil, bgs.....lb. .05 - —
Starch iodide, bots.....lb. 1.87 - —
Stearin, oleo (see Oleostearin).
Stillingia root, bls.....lb. No stocks.
Stoneroot, bls. .....lb. .07½- .08
Storax, cs.....lb. 1.15 - 1.40
Stramonium leaves, bgs.....lb. .20 - .21
Seed, bgs. .....lb. .20 - .21
Strontium bromide, cns., dms..lb. .53 - .55
Carbonate, 90%, bbls.....lb. .14 - .16
98%, bbls. .....lb. .23 - .25
Chloride, tech., bbls.....lb. .22 - .24
Chromate, bbls., kgs., Phila..lb. .35 - .37
Iodide, bots.....lb. 3.06 - 3.15
jars, 25 lbs.....lb. 3.00 - —
Lactate, dms. .....lb. 1.30 - 1.35
Nitrate, bbls., c.l., works....lb. .07¾- —
l.c.l., works .....lb. .08¼- .08¾
Oxalate, bbls., works.....lb. .38 - .40
Salicylate, NF, dms.....lb. 1.10 - 1.13
Sulphate, nat., air-floated, 525 mesh 90%, bbls., works..ton. 58.00 - —

Strontium-calcium sulphide, phosphorescent, dms., works..lb. 2.50 - 2.85
Strophanthin, bots.....oz. 30.00 - 50.00
Strophanthus seed, Kombe, bgs., lb. 2.65 - 2.70
Strychnine, NF, cryst., cns., 100 ozs..oz. .70 - —
powd., cns., 100 ozs.....oz. .90 - —
Acetate, cns., 100 ozs.....oz. .88 - —
Arsenate, cns., 100 ozs.....oz. .91 - —
Arsenite, cns., 100 ozs.....oz. .86 - —
Glycerophosphate, cns., 100 ozs., oz. .89 - —
Hydrochloride, cns., 100 ozs..oz. .88 - —
Hypophosphite, cns., 100 ozs.oz. 1.00 - —
Nitrate, NF, cns., 100 ozs...oz. .82 - —
Phosphate, NF, cns., 100 ozs., oz. .89 - —
Sulphate, USP, cryst., cns., 100 ozs..oz. .58 - —
powd., cns., 100 ozs.....oz. .46 - —
Styrolyl acetate, bots.....lb. 2.50 - 3.10
Sucrose octa-acetate, denat., bbls., l.c.l., works..lb. .45 - —
tech., bbls., l.c.l., works...lb. .40 - —
Sugar coloring (see Caramel coloring).
Sugar of milk (see Milk sugar).
Sulphadiazin, USP, dms.....lb. 9.00 - 9.10
Sulphaguanidin, dms.....lb. 4.50 - 4.60
Sulphamerazin, dms.....lb. 9.00 - 9.10
Sulphanilamide, USP, bots....lb. 1.50 - —
flb. dms. .....lb. 1.05 - 1.25
Sulphanilamide, 30-80 mesh, 10c. higher.
Sulphapyridin, powd., bots., tins, lb. 5.00 - 5.30
Sulphathiozole, dms. .....lb. 2.50 - 2.60
Sulphonethylmethane, kgs.....lb. 6.75 - 6.85
Sulphonmethane, kgs. .....lb. 5.25 - 5.35

it's Post War now

For Mathieson's Sodium Chlorite and its Co-Product, Chlorine Dioxide



YES — through the ingenuity of Mathieson's chemical engineers, the available supply of Sodium Chlorite (and its amazingly useful co-product, Chlorine Dioxide) has been stepped-up to totals almost as great as originally planned for post war!

In simplest terms, this means that this most versatile — *under certain conditions most powerful and under other specific conditions most gentle* — oxidizing agent yet developed is available *now*. To many phases of American industry and to hundreds of communities beset with taste and odor problems in their water supply systems — this announcement will be of outstanding significance.

The adoption of Sodium Chlorite and Chlorine Dioxide in the technique of bleaching is certain to result in improved quality of many products now bleached by older methods. Textiles — cotton, rayon, and nylon . . . paper products of all kinds . . . edible and inedible oils . . . shellacs and varnishes . . . even beeswax and straw products, can be bleached *whiter* than ever before with an absolute minimum change of chemical and physical characteristics through the use of Sodium Chlorite. And Mathieson's research staff is still developing more and more uses for this greatest of oxidizing agents!

Mathieson is prepared to furnish full information on Sodium Chlorite — and Mathieson's staff is ready to work with you now in adapting this outstanding chemical to your requirements. Write today!

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SODIUM CHLORITE . . . CHLORINE DIOXIDE . . . HTH PRODUCTS . . . LIQUID CHLORINE . . . SODIUM METHYLATE . . . CAUSTIC SODA . . . SODA ASH . . . BICARBONATE OF SODA . . . FUSED ALKALI PRODUCTS . . . AMMONIA, ANHYDROUS & AQUA . . . SYNTHETIC SALT CAKE . . . DRY ICE . . . CARBONIC GAS

Mathieson
CHEMICALS

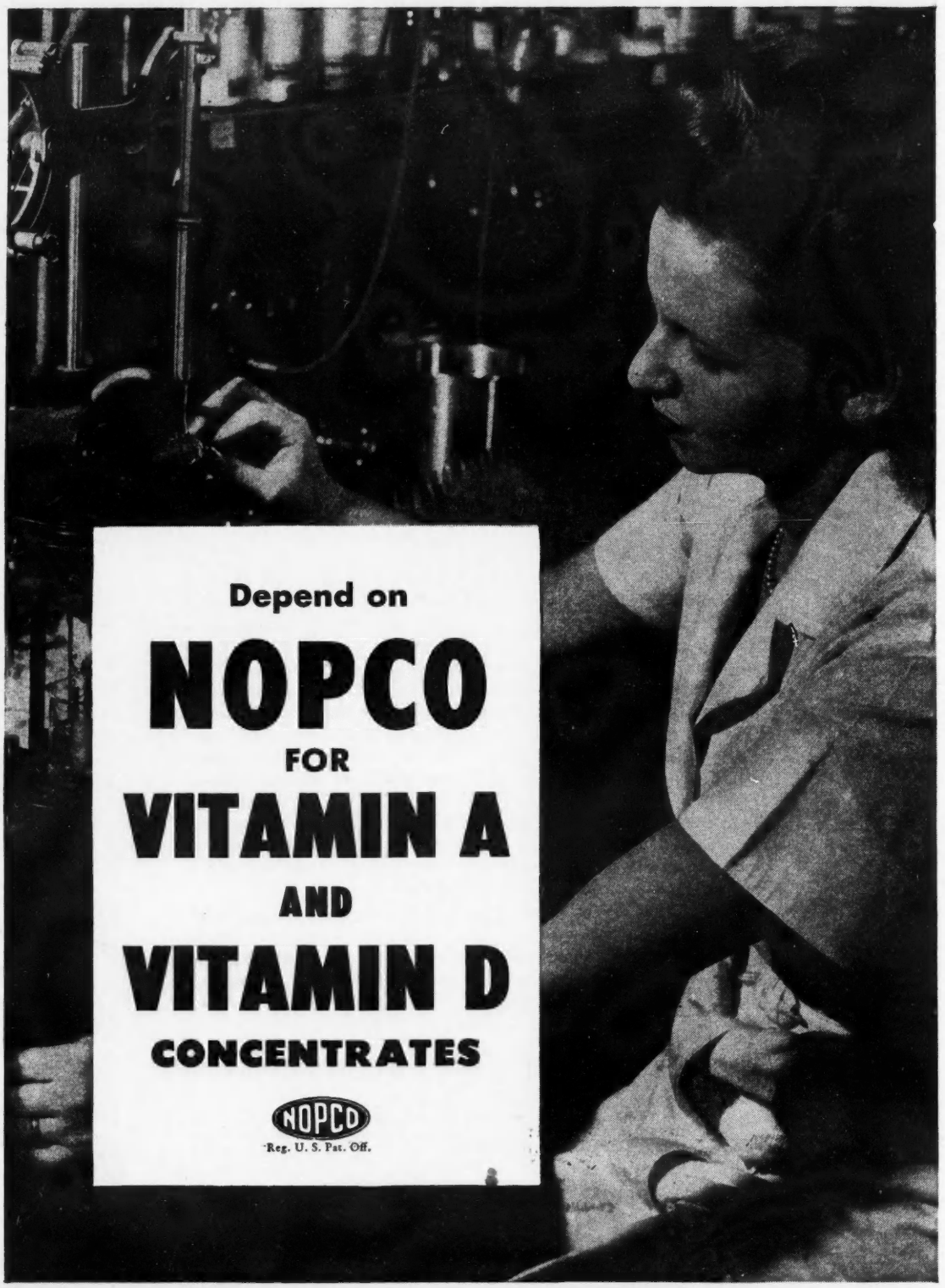
Sulphur, crude, c.l., bulk, mines, contract..long ton. 16.00 - —
vessels, Gulf ports, contract..long ton. 17.50 - —
flour, comm'l, 99½%, bgs., c.l., works..100 lbs. 1.65 - —
l.c.l., works.....100 lbs. 2.00 - 2.11
precipitated, USP, bbls., kgs., lb. .18 - .80
refined, flour, extra fine, bgs., c.l., works. 100 lbs. 2.90 - —
l.c.l., works.....100 lbs. 3.25 - 3.40
heavy, bgs., c.l., works.. 100 lbs. 2.60 - —
l.c.l., works.....100 lbs. 2.95 - 3.10
light, bgs., c.l., works.... 100 lbs. 2.70 - —
l.c.l., works.....100 lbs. 3.05 - 3.20
flowers, USP, bgs., c.l., works 100 lbs. 3.05 - —
l.c.l., works.....100 lbs. 3.40 - 3.54
Refined sulphur nowers in bbls., 35c. higher.
reck, bbls., c.l., works..100 lbs. 2.20 - —
l.c.l., works.....100 lbs. 2.55 - 2.70
roll, bbls., c.l., works.100 lbs. 2.40 - —
l.c.l., works.....100 lbs. 2.75 - 2.90
Chloride, 55-gal. dms., c.l., works..lb. .03 - .03½
l.c.l., works .....lb. .04 - .04½
10-gal. dms., c.l., works...lb. .07 - .07½
l.c.l .....lb. .08 - .08½
Dioxide, liqu., com'l, cyls., c.l., works..lb. .07 - —
l.c.l. .....lb. .08 - —
multi-unit cars, works..lb. .04½- .06
tanks, works.....lb. .04 - —
refrigeration, cyls., l.c.l., works..lb. .16 - .21
Iodide, bots., jars.....lb. 3.90 - 4.11

Sumac extract, No. 1, bbls....lb. .08 - —
No. 2, bbls.....lb. .07 - —
stainless, bbls. .....lb. .09 - .11
Superphosphate,[1] pulverized, run-of-pile under 22% a.p.a., bulk, production points, Balto., unit-ton. .65 - —
Florida .....unit-ton. .51 - .54
others .....unit-ton. .57 - .84
Delivery points, Ariz., Calif., Colo., Ida., Kans., Nev., N. M., Ore., Utah, Wash., 88½c. per unit-ton plus frt charge from Anaconda, Mont., in excess of $8.03 per ton; guaranteed 18%, 19% or 20% a.p.a., ½c. per unit-ton higher.
triple, 40% or more a.p.a., bulk, producing points, Florida..unit-ton. .63 - —
South Carolina..unit-ton. .70 - —
Tennessee .....unit-ton. .75 - —
Other States and D.C., 62c. per unit-ton plus frt. charge for 48% from E. Tampa, Fla.
Superphosphate, gran., 2c. per unit-ton higher than pulverized.
Sweet basil, bls.. Calif.....lb. .75 - .76

T

Talc, dom., ordinary, grd., bgs., c.l., works..ton. 14.50 -24.50
l.c.l., works .....ton. 16.50 -30.00
Calif., bgs., c.l., wks.ton. 17.50 -43.00
Pennsylvania, bgs., c.l., works..ton. 11.00 -13.50
l.c.l., works .....ton. 12.00 -14.50
Talc, dom., ordinary, grd., bgs., Vermont, bgs., c.l., works, ton. 14.00 - —
l.c.l. works .....ton. 15.00 - —
fibrous, grd., coarse, off-color, New York, bgs., c.l., works..ton. 13.00 - —
grd., fine, New York, 325 mesh, 93-94%, bgs., c.l., works..ton. 13.00 -18.00
98 - 99.5%, bgs., c.l., works..ton. 15.25 -19.25
99.85 - 99.95%, bgs., c.l., works..ton. 17.00 -21.00
imp. Canada, bgs., c.l.....ton. 24.00 -30.00
Tallow,[1,7] edible, tanks.....lb. .09¾- —
inedible, extra, loose.....lb. .08¾- —
special, loose .....lb. .08½- —
sulphonated, 50% (42% fat), dms., c.l..lb. .07 - .07½
(70% fat), dms., c.l.....lb. .10 - .10¾
Tallow, sulphonated, l.c.l., ½c. higher.
Tamarind, bbls. .....lb. .13 - .14
Tankage,[1,7] animal, feed grd., 9-11% ammon., bulk, unit-ton. 5.53 - —
Chicago .....unit-ton. 5.53 - —
fert. grd., 9% ammon., 10% b.p.l., bulk..unit-ton. 4.00 & .10
10-11% ammon., 15% b.p.l., bulk, Chicago..unit-ton. 4.00 & .10
Tapioca flour,[1,5] f.o.b. Brazil..lb. .06 - .06½
delivery N. Y.....lb. .07 - .07¾
Java, bgs. .....lb. No stocks.
Tar acid oil, 15-18%, dms., c.l., works..gal. .26½- .27½
l.c.l., works .....lb. .28½- .29¾
25%, dms., c.l., works..gal. .30 - —
l.c.l., works .....gal. .32 - —
Tar, pine (see Pinetar).
Tara,[1] powd., c.l. ex dock, U. S. ports..long ton. 118.00 - —
Tarragon herb, bgs.....lb. .60 - .65
Leaves, bgs.....lb. 1.20 - 1.25

Tartar emetic, tech., gran. or powd., bbls., kgs..lb. .47½- .49
dms. .....lb. .48½- .51
USP, powd., bbls., dms., kgs. lb. .52½- .55
Terpin hydrate, com'l, bbls., c.l. lb. .24½- —
l.c.l. .....lb. .25 - .25½
USP, cryst., bbls., dms....lb. .70 - .75
powd., bbls., dms.....lb. .75 - .80
Terpineol, alpha (see A).
com'l, dms., c.l., South.....lb. .13½- —
l.c.l., South.....lb. .14 - —
tanks, South.....lb. .12 - —
pure, dms.....lb. .84 - .89
Terpingi col ether, dms. (extra), c.l., works..lb. .19½- —
l.c.l., works.....lb. .20 - —
tanks, works.....lb. .19 - —
Terpinyl acetate, extra, cns., dms..lb. .90 - 1.15
prime, cns., dms.....lb. .75 - 1.05
Terra alba (see Gypsum).
Tetrachloroethane, dms., works, lb. .08 - .08½
Tetrachloroethylene, NF VI, 55-gal. dms., works..lb. .20 - .21½
smaller dms., works.... ...lb. .23½- .25½
tech. (see Perchloroethylene).
Tetrallin, dms.....lb. .19 - —
Tetrasodium pyrophosphate (see Soda pyrophosphate).
Thallium sulphate, 90%, bots., works..lb. 12.50 Nom.
Theobromine,[1] dms., 25-lb. lots., lb. 2.80 - —
smaller lots.....lb. 2.90 - 3.00
Thiamine hydrochloride, dms., 100 grams or more..kilo. 160.00 - —
Thiocarbanilide, dms.....lb. .24 - —
Thiourea, CP, dms.....lb. .55 - .56
Thorium nitrate, cs., works...lb. 2.00 - —
Thyme,[1] California, French type, bls., Pacific Coast..lb. .90 - .92
Spanish, bls.....lb. .16 - .16½
Thymol, cns.....lb 2.40 - 2.75
Iodide, dms .....lb. 3.40 - 3.80
Timbo root,[2,5] (see Cube root)
Tin chloride,[6] anhydrous.....lb. No stocks
crystals,[6] bgs., bbls.....lb No stocks
Metal,[1,6] .....lb. .52 - —
Bolivian .....lb. .63½- —
Straits .....lb No stocks
Oxide,[6] bbls..... .....lb .54 - .55
Tetrachloride,[6] anhyd., dms., works..lb .31 - .33
Titanium dioxide,[1,4] chalk resistant, bgs., c.l., dlvd..lb. .15 - —
l.c.l., dlvd.....lb. .15¼- .15¾
nonchalking,[1,8] bgs., c.l., dlvd. E..lb. .16½- —
l.c.l., dlvd.....lb. .16¾- .17¼
plain,[8] bgs., c.l., dlvd.....lb. .14½- —
l.c.l., dlvd.....lb. .14¾- .15¼
Hydride, cns., works.....lb. 7.00 - 8.00
Pigment, barium, base,[1,4] bgs., c.l., dlvd..lb. .05¾- —
l.c.l., dlvd.....lb. .06 - —
calcium, base,[1,4] bgs., c.l., dlvd..lb. .05½- —
l.c.l., dlvd.....lb. .05¾- —
Calcium-rutile base,[1,4] bgs., c.l., dlvd..lb. .05½- —
l.c.l., dlvd.....lb. .05¾- —
Magnesium base, [1,4] bgs., c.l., dlvd..lb. .05¾- —
l.c.l., dlvd.....lb. .06 - —
Titanium dioxide and pigment in bbls., ¼c. higher: Pac. coast ¼c. higher, c.l., dlvd., l.c.l., ex whse
Tetrachloride, CP, 55-gal. dms., works..lb. .67 - —
smaller pkgs., works.....lb. .65 - 1.25
technical, 55-gal. dms., works. lb. .32 - —
smaller pkgs., works.....lb. .40 - 1.00
Tolu balsam, cns.....lb. 1.75 - 1.90
Toluidin base, distilled, kgs...lb. .96 - —
Toluene (see Toluol).
Toluol (toluene) coaltar, 2° indust., dms., return, wks. gal. .32 - —
tanks, E. of Omaha, frt. alld. 2c. per gal..gal. .27 - —
West Minnequa, Colo..gal. .27 - —
1° nitration, ret. dms., works, gal. .32 - —
tanks, E. of Omaha, frt. alld. to 2c. per gal..gal. .27 - —
West Minnequa, Colo..gal. .27 - —
Petroleum toluol prices, same as those for coaltar toluol.
Tonga, 50% bark and vine, bbls., lb. .90 - .91
Tonka beans, Angostura, cks..lb. 1.50 - 1.60
Brazilian, Surinam, cs.....lb. .80 - .85
Totaquine,[1,6] USP XII, 100 ozs., ozs. ozs. .52 - —
Triacetin, dms., works.....lb. .38 - .38
Triamylamine, dms., c.l., works, lb. .96 - —
l.c.l. .....lb. 1.01 - —
Tributyl citrate, dms.....lb. .30 - .31
smaller pkgs. .....lb. .34 - .40
Phosphate, cns., l.c.l., dlvd..lb. .52 - .55
dms., l.c.l., dlvd.....lb. .49 - —
Tributylamine, dms., c.l., works, lb. .78 - —
l.c.l. works .....lb. .81 - —
Trichlorobenzene, dms., c.l., frt. alld..lb. .06 - —
l.c.l., frt., alld.....lb. .06½- —
tanks, frt. alld. .....lb. .07½- —
Trichloroethane, dms., c.l., works, lb. .15 - —
l.c.l., works.....lb. .17 - —
Trichloroethylene, dms., c.l., Zone 1, works, frt. alld..lb. .06 - —
Zone 2, frt. alld.....lb. .06½- —
Zone 3, frt. alld.....lb. .09 - —
Zone 4, ex whse.....lb. .09 - —
Trichloroethylene, l.c.l., prices, ½c. higher. Zones are—(1) Conn., Del., Ill., Ind., Ia., Ky., Me., Md., Mass., Mich., Minn., Mo., N. J., N. Y., N. C., Ohio, Pa., R. I., Tenn., Vt., Va., W. Va., Wis., Omaha, K. C., Kan.; (2) Ala., Ark., Fla., Ga., Kan., La., Miss., Neb., N. D., Okla., S. C., S. D.; (3) Col., Mont. (E), N. M., Tex., Wyo.; (4) Ariz., Cal., Idaho, Mont. (W), Nev., Ore., Utah, Wash.
Tricresyl phosphate,[6] tech., cns. works..lb. .28 - .39½
dms., c.l., dlvd.....lb. .25 - —
l.c.l., dlvd. .....lb. .25½- —
tanks, dlvd.....lb. .24 - —
Triethanolamine,[6] dms., c.l., frt. alld. in E..lb. .19½- —
l.c.l., same basis.....lb. .20½- —
tanks, same basis.....lb. .18½- —
Triethyl phosphate, cns.....lb. .40 - —
Triethylamine, dms., c.l., wks. lb. .55 - —
l.c.l., works.....lb. .60 - —
Triethyleneglycol, dms., c.l., frt. alld. in E..lb. .18½- —
l.c.l., same basis.....lb. .19½- —
tanks, same basis.....lb. .17½- —
Trimethylamine, dms., c.l., dlvd. lb. .85 - —
l.c.l., dlvd. .....lb. .90 - —
Trimethylolpropane, bbls.....lb. .65 - —
Triphenyl phosphate,[5] bbls., c.l., frt. alld..lb. .26 - —
l.c.l., same basis.....lb. .27 - .27½
Tripoli, air-floated, bgs., c.l., works..ton. 21.50 - —
double grd., bgs., c.l., works.. ton. 17.50 - —
once-grd., bgs., c.l., works..ton. 16.00 - —



NATIONAL OIL PRODUCTS COMPANY

Boston • Cedartown, Ga. • HARRISON, N. J. • Chicago • Richmond, Calif.

Pioneer producers of natural Vitamin A and Vitamin D Concentrates, Rice Bran Concentrate and Calcium Pantothenate

Trisodium phosphate (see Soda phosphate, tribasic).
Tuba root,[2,4] (see Cube root).
Tungsten metal, powd.,[2] 99-99.7% dms., works..lb. 2.60 - 5.40
Oxide, kgs. .....lb. No prices.
Turmeric root, Alleppey, bls..lb. .10½- .11
Haitian, bls., Miami or New Orleans..lb. .09 - .09½
Madras, bgs. .....lb. .12 Nom.
Turpentine, gum, ret. dms...gal. .90½- .91½
Wood,[1] d.d., dms., East....gal. .65 - .70
tanks, East .....gal. .60 - —
steam-dist., ret. dms., East, gal. .80 - .83
tanks, East .....gal. .74 - .75
Sulphate, ret. dms.....gal. .65 - .76

U

Unicorn root, false (see Helonias root)
True (see Aletris root).
Uranium,[4] oxide, black, bgs...lb. 2.55 - —
yellow, kgs.....lb. 1.65 - —
Urea, dom., 46% N., bgs., c.l., works or ship. pts..ton.75.00 - —
l.c.l., ship. pts.....ton.77.50 -85.00
import, pure, cs.....lb. .12 - —
Fertilizer comp., 42% N., bulk, c.l., works, or Atlantic or Gulf ports..ton.57.40 - —
Urea-ammonia liquor (A and B), free ammonia content, Belle, W. Va., freight equalized with Hopewell, Va..ton.59.00 - —
fixed ammonia content, Belle, W. Va., freight equalized with Hopeville, Va., NH_3, ton.113.80 - —
usual Atlantic and Gulf ports, NH_3..ton.116.80 - —
C and D prices for Urea-ammonia liquo are $1.20 per ton of nitrogen higher than the A and B respectively for the same destinations.
Urunday, c.l., ex dock, in bond, lb. .06 - —
Urunday price based on ocean frt., at $13 insurance $1, per lb.
Uva ursi leaves, bls.....lb. .19 - .20

V

Valerian root, Belgian, NF, bls., futures..lb. .58 - .60
Indian, bls.....lb. .45 - .46
Valonia, beards, bgs., f.a.s...ton. No prices
Cups, bgs., f.a.s.....ton. No prices
Vanadium pentoxide, CP, bgs., cns., works..lb. 7.00 - —
tech., dms., works.....lb. 1.10 - —
Vanilla beans, Bourbon, tins..lb. 7.75 - 8.50
Mexican, cuts, tins.....lb. 9.50 -10.00
whole, tins.....lb.10.50 -11.00
Tahiti, white label, tins...lb. 3.50 - 3.75
yellow label, tins.....lb. 3.25 - 3.50
West Indian, tins.....lb. No stocks
Vanillin,[1] ex eugenol, tins, 25 lbs. or more..lb. 2.60 - —
smaller lots, tins.....lb. 2.65 - 2.75
ex guaiacol, tins, 25 lbs. or more..lb. 2.35 - —
smaller lots, tins.....lb. 2.40 - 2.50
ex lignin, tins, 25 lbs. or more, lb. 2.35 - —
smaller lots, tins.....lb. 2.40 - 2.50
Venice turpentine, artif., cns..lb. .34 - .35
Verdigris, bbls., bgs.....lb. .22 - .23
Vinyl acetate, cbys., works....lb. .25 - —
dms., c.l., works.....lb. .15 - —
l.c.l., works.....lb. .16 - —
smaller pkgs., l.c.l., works, lb. .25 - —
Ether, bots., 75 c.c., less 20% and 20%..bot. 1.50 - —
50 c.c., same basis.....bot. 1.05 - —
25 c.c., same basis.....bot. .65 - —
Trichloride (see Trichloroethane).
Vinylpyridin, ret dms.. works.lb. 1.50 - —
Viosterol (irradiated ergosterol), bots., mil. units. .10 - .14
Vitamin A (see Oils, codliver, halibut-liver)
B, (see Thiamine hydrochloride).
B_2 (see Riboflavin).
B complex, natural (see Rice bran and Yeast).
C (see Acid, ascorbic).
D (see Oils, codliver, halibut-liver, viosterol).
E (see Alphatocopherol).
G (see Riboflavin).
P-F (see Acid, nicotinic, and Nicotinamide).
Violet, methyl, toner (see M).
V.M.P. naphtha (see Petroleum naphtha v.m.p.).

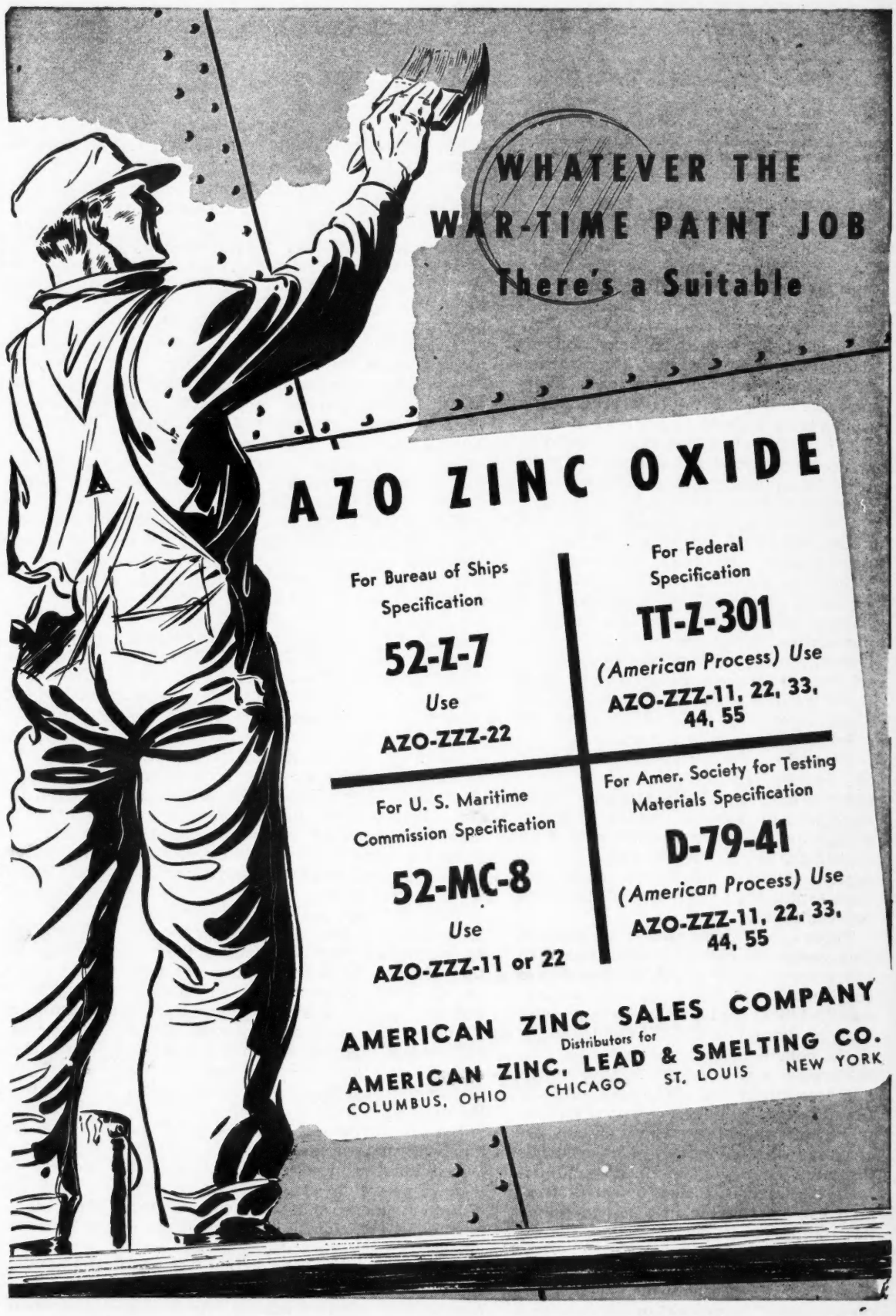
W

Wahoo root bark, bls.....lb. .55 - .60
Wattle bark,[1,5] E. African, bgs., f.a.s..ton.53.00 - —
S. Afr., bgs., f.a.s.....ton.53.00 - —
extract,[1] liquid, 35% tannin, bbls., works..lb. .05¼- .06¼
tanks .....lb. .04⅝- .05¼
solid, E. Afr., 61% tannin, ex dock..lb. .05595- .05845
S. Afr., tannin, ex dock, lb. .0572- .0597
Wax, amorphous (see Wax, micro-crystalline).
Bayberry, bgs.....lb. No stocks
Bees,[1] bleached, USP, white, bricks, bgs., ton lots..lb. .58 - —
discs or cakes, bgs., ton lots..lb. .60 - —
ctns., ton lots.....lb. .61 - .63
slabs, bgs., ton lots....lb. .57 - —
crude, pure, African, bgs., ton lots..lb. .40 - —
smaller lots.....lb. .41 - .43
Western hemisphere, bgs., ton lots..lb. .44¾ Nom.
ref.d, USP, bricks, bgs., ton lots..lb. .53½- —
discs, bgs., ton lots....lb. .55½- —
ctns., ton lots.....lb. .56½- .58¼
reunds or squares, bgs., ton lots..lb. .57½- —
ctns., ton lots.....lb. .58½- .60¼
slabs, bgs., ton lots....lb. .52½- —
Candelilla,[1] crude, bgs., ton lots..lb. .38 - —
200 lbs. or over.....lb. .39 - —
100 lbs.....lb. .41 - —
Candelilla, powdered, 20 mesh, 5c. per lb extra; 80 mesh, 5½c.; 100-200 mesh, 6c.
refined, bgs., ton lots.....lb. .44 - —
200 lbs. or over.....lb. .45 - —
100 lbs.....lb. .47 - —
smaller lots.....lb. .45 - .54
Carnauba,[1] chalky, No. 3, bgs., ton lots..lb. .71¼- —
smaller lots.....lb. .72¼- .81¼
North Country, No. 3, bgs., ton lots..lb. .75¾- —
smaller lots.....lb. .76¾- .85¾
Wax, carnauba, North Country, No. 3, bgs., ton lots.....lb. .73½- —
smaller lots.....lb. .74½- .83½
refined, bgs., ton lots.lb. .76¾- .80
smaller lots.....lb. .77¾- .90
yellow, No. 1, bgs., ton lots, lb. .83½- —
smaller lots.....lb. .84¼- .93¾
No. 2, bgs., ton lots.....lb. .81¼- —
smaller lots.....lb. .82¼- .91¾
No. 3, bgs., ton lots.....lb. .79 - —
smaller lots.....lb. .80 - .89
Carnauba wax, powdered (same differentials as candelilla).
Ceresin, dom., 138°-140° m.p., bgs., ton lots..lb. .13½- .14
jobbing lots.....lb. .14½- .15
150°-160° m.p., bgs., ton lots lb. .15½- .16
jobbing lots.....lb. .16½- .17
160°-170° m.p., bgs., ton lots..lb. .16½- .17
jobbing lots.....lb. .17½- .18
Japan, cs.....lb. No stocks
Micro-crystalline, 170°-175° m.p., A.S.T.M., amber, ctns., 30 tons yearly, contract, group 3, works..lb. .14¼- —
amber, ctns., smaller lots, same basis..lb. .14½- .15¼
black, ctns., 30 tons, same basis..lb. .12¾- —
smaller lots, same basis, lb. .13 - .13¾
190°-195° m.p., A.S.T.M., amber, ctns., 30 tons, same basis..lb. .16¼- —
smaller lots, same basis lb. .16½- .17⅞
black, ctns., 30 tons, same basis lb. .14¾- —
smaller lots, same basis, lb. .15 - .15¾
Wax, micro-crystalline, 190°-195° m.p., A.S.T.M., white, ctns., 30 tons, same basis..lb. .23¾- —
smaller lots, same basis, lb. .29 - .29½
Montan, domestic, bgs.....lb. .30 - .35
Ouricury,[1] bgs., ton lots.....lb. .49½- .51⅝
smaller lots.....lb. .59½- .61⅝
refined, bgs., ton lots.....lb. .59½- .61⅝
smaller lots.....lb. .63 - .72
powdered ouricury prices same as candelilla.
Paraffin (see P).
Wax spermaceti, blocks, cs....lb. .26 - .27
cakes, cs.....lb. .27 - .28
White lead (see Lead, white)
White precipitate,[2] powd., dms., 50 lbs. or more..lb. 2.50 - —
White pine bark, rossed, bls..lb. .14 - .15
Whiting, chalk, dry-grd., bgs., c.l..ton.18.00 -22.00
l.c.l. .....ton.20.00 -24.00
wet-ground, bgs., c.l.....ton.21.00 -25.00
l.c.l. .....ton.25.00 -29.00
gilders, bolted, bgs., c.l.ton.20.00 -24.00
l.c.l. .....ton.21.00 -25.00
extra-bolted, bgs., c.l...ton.22.00 -26.00
l.c.l. .....ton.23.00 -27.00
Limestone, dry-grd., 325 mesh, bgs., 40 tons, N. E., works, ton. 6.00 - —
smaller lots, N.E., works, ton. 7.00 - 9.00
wet-grd., air-coated, 300 mesh, 90¾%, bgs., c.l...ton. 9.35 -10.10
200 mesh, 99¾%, bgs., c.l., ton. 8.60 - 9.50
90%, bgs., c.l.....ton. 6.25 - 7.00
water-floated, extra gilders, bgs., c.l..ton.10.00 - —
gilders, bgs., c.l.....ton.12.45 - —
putty grade, bgs., c.l..ton.12.00 - —
Whiting, Paris white, bgs., c.l., ton.24.00 -28.00
l.c.l. .....ton.25.00 -29.00
precipitated, bgs., c.l.....ton.14.00 -15.00
l.c.l. .....ton.18.00 -20.00
Wild cherry bark, thick, bls..lb. .06 - .07
thin, natural, bgs.....lb. .16 - .17
rossed, green, bls.....lb. .25 - .28
Wild indigo root, bls.....lb. .30 - .31
Witch-hazel leaves, bls.....lb. .14 - .15
Witherite (see Barium carbonate, natural).
Woodflour, 40 mesh, bulk, c.l., N. Tonawanda, N. Y..ton.20.00 - —
60 mesh, same basis.....ton.24.00 - —
80 mesh, same basis.....ton.27.00 - —
100 mesh, same basis.....ton.30.00 -33.00
Woodflour, in bags, 25c. each extra, returnable.
Wormseed, American, bgs.....lb. .30 - .32
Levant, bgs.....lb. 4.50 - 4.70
Wormwood, bls.....lb. .50 - .60

X

Xanthorrhiza, bls.....lb. .24 - .30
Xylene (see Xylol).
Xylidin, mixed, dms.....lb. .85 - .86
Xylol (xylene), coaltar, indus., ret. dms., works..gal. .31 - —
tanks, E. of Omaha, frt. alld. gal. .26 - —
West Minnequa, Colo...gal. .26 - —
10°, ret. dms., works.....gal. .34 - —
tanks, E. of Omaha, frt. alld. gal. .29 - —
5°, ret. dms., works.....gal. .41 - —
tanks, E. of Omaha, frt. alld. gal. .36 - —

—Continued on page 48



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Governmental Paralysis

The available statutory means of dealing with the unrest and disruption which have characterized employment relations in a large part of the country for several weeks have been proved useless. Administrative remedies have been futilely exhausted. There is no evidence of presidential desire or courage in the direction of dealing forthright even with interferences with the military program in which he is titularly commander-in-chief. The coal strike has been ended wholly by its chief instigator and solely because he saw that public sentiment was not propitious at this time.

The public is almost wholly complacent with respect to being "struck" out or down. Even the vociferous protestors against any governmental attempt to regiment or regulate their comings and goings, take the more or less complete obstruction of various freedoms by the "laborite" super-government lying down. Of course, they have discovered that there is nothing else which they can do about it or their duly elected and appointed officials will even try to do.

Meanwhile, the industrial operations of the country shrink more and more because of lack of coal. Production in many important divisions of the chemical industry has been cut almost in half by that lack. Some larger plants in essential chemical production could not have kept going much longer if the strike had continued.

There could be no greater anomaly in free government or free enterprise than is the servitude to which the people are subjected by the disruption of employment relations. It is argued on some sides that the disruption is attributable wholly to the policies and purposes of those who are antipathetic toward free government and free enterprise. Whatever measure these charges hold, of truth or of excuse, it is clear that the results are already destructive of all freedom. Mob rule has displaced orderly government—and nobody knows why such a defeat of freedom can be possible in a nation which has just proved its peerlessness as the defender of liberty.

The situation just does not make sense. There is no law to help the chemical industry maintain production of materials of full everyday essentialness. There is no force of arms to keep going the jobs of supplying the nation's daily needs or looking to its protection against the rigors of Winter. Members of Congress wrestle with the future of atomic energy or junket about on a study of the ills of far-off peoples. And steadily spreads even among rational people the thought that any form of government is preferable to none.

—O-P-D—

Technologic Warspoils

Impatience is becoming manifest in many quarters because of the alleged dilatoriness, or worse, in connection with the making available to interested persons and groups in the United States of data on German science and technology obtained as a result of the war. The matter has many sides, not the least significant of which is the relatively impotent position of this country resulting from its premature termination of various war activities. Many of the data are still in Germany. They are the property of, at least, the three major nations which were allied against the axis. The other two nations, and especially Russia, have not yet let go of the war to the extent that it has been dropped by the United States.

The Technical Industrial Intelligence Committee has made some progress in getting data to this country, in collaboration with the Combined Intelligence Objectives Subcommittee. So far the army and the navy have released to the Office of the Publication Board of the Department of Commerce more than 1,000 reports, and some 375 of these will be available for distribution to interested persons about the middle of November. The military groups have manifested a commendable spirit of cooperation, but the releasing of the technical data is still hedged about with regard for military security. It is proposed, but not decided, that instances involving that factor be passed upon by a panel of experts.

Many of the reports that have been brought to this country are only preliminary. These are being prepared for distribution as rapidly as possible. Something like 800 more of them are now going through the mill. Among these is a voluminous report on acetylene, which, it is expected, will be ready at least for consultation in about thirty days. In many instances the titles of available reports are not adequately informative. In some cases it is doubtful that the full report will be available for a long time, at least otherwise than for consultation of a single copy. Duplication is a problem. Photostating and microfilming are being studied, and it is probable that the latter treatment will shortly be substantially extended: some such move is scheduled for this week.

Men, facilities, and accommodations—all are inadequately available for the job of speedily and broadly handling the getting of the data to this country, even to the extent that is possible under the joint interest of the allies in the material. Transportation and food are some of the obstructive factors in the problem abroad. Men and operating facilities are the major inadequacies in Washington. Requests and urgings avail but little—as is the case in various other pieces of unfinished war business.

Individual requests or protests appear to have no weight at all. There appears to be some measure of willingness on the part of OPB officials to give consideration to communications from industries as a whole. But, they cannot do much, if anything, to provide what is requested or to remedy shortcomings against which protests are made: they lack the necessary personnel and equipment. What might be effected by carrying the desires of industry to the Secretary of Commerce, to the director of the Office of War Mobilization and Reconversion, or to the high-ranking military officers concerned with the matter—even to Congress—can only be conjectured. There is a feeling in intermediate official circles that such action might result in industry's getting permission to send its own representatives to Germany to microfilm or otherwise copy desired material in hand. The American Chemical Society has laid a strong petition before the OWMR directors and has appointed a committee to assist the governmental officials toward prompt dissemination of data. No program has yet been announced pursuant to that move.

Something should be done to make the warcrop of scientific and technologic knowledge widely and promptly available. Mutterings of favoritism and inside tracks are already to be heard, apparently without foundation. The premature demobilization of war agencies has left government with more such jobs than it can handle. The extent to which science and industry can take over can be determined only by trying.

—O-P-D—

Still More Bureaus

In spite of all the public protestations against overcrowded bureaucracy in the Federal government, in spite of the declared intention of the President to decimate the multitude of governmental agencies, the official trend is still in the opposite direction.

The existing perils of unsatisfactory employment conditions and the expected perils of entrusting the atom to those who cannot properly handle the auto appear to have incited another outbreak of bureauphilia, and an ominous, concomitant admission of the impotence of the existing form of government. As one example, the Office of War Mobilization and Reconversion is reported to have decided to take price-control out of the hands of the Office of Price Administration to which it was more or less delegated by congressional enactment and to depart from the President's endeavor to put all labor problems in the hands of the Department of Labor, where they belong, and to set up a new scheme of arbitration for the settlement of disputes over wages and determining what effect of such settlement should be permitted to be reflected in prices.

Also, against the views of most experts and the reported desire of the President, it has been proposed in Congress that, instead of combining the war and navy cabinet offices in a single department of defense, another agency—a council of defense—be set up. In the earlier days of the nation, the President and his cabinet constituted the council of defense and of all other national problems. The latest congressional proposal would limit defense functioning to the secretaries of state, war, and navy, with the President as chief officer. Just what would be gained by the introduction into the complication and confusion of coordinating diplomatic and militaristic functionings, of the proposed subcabinet, or supercabinet, is not clear. Further complication, at least, could be expected.

It is about time that somebody, somehow made it possible for the fundamental structure of the government to be tested fairly and freely in the purposes for which it was set up. The extent to which it is replaced by innovations is the measure of its threatened displacing.

OPD—10-22-1945 33

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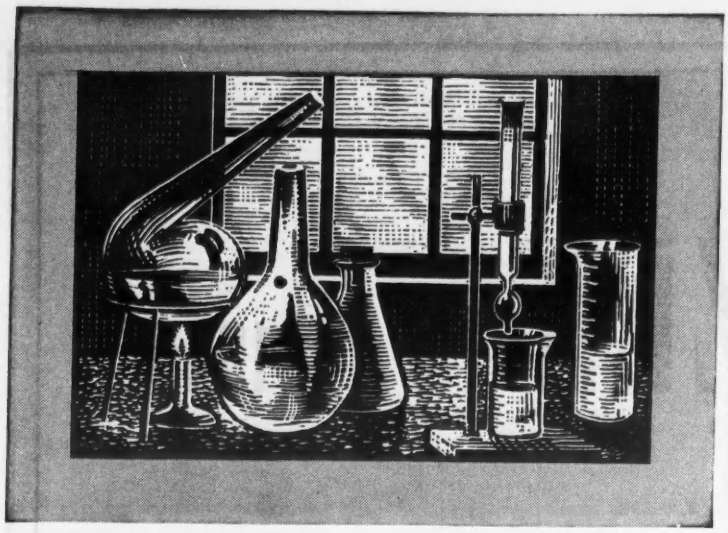

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Heavy Chemicals

It is now apparent that accumulated deferred buying orders for heavy chemicals, known as backlog, have more than offset government and other cancellations. While this condition may be temporary, it has tightened the supply position of several heavy tonnage chemicals. So far there has been no appreciable easement in manpower shortage while the influence of various labor difficulties has messed up shipping programs and caused a lot of unnecessary inconvenience. Meanwhile, there has been no relaxation in the general consuming demand. In fact the buying tendency at present is toward increasing commitments.

Soda ash and caustic soda have not improved their supply positions while increased demands have developed from industries whose output was formerly confined to materials necessary to the war effort. Caustic soda production has felt the effects of labor disturbances in addition to facing the possibility of a reduction in chlorine output. Sulphuric acid has maintained a favorable supply position with demand active and shipments not affected as much as expected by government cutbacks. Copper sulphate production has been slightly hampered by labor complications and the stockpile has not increased as rapidly as in some other years.

Bleaching powder stocks have been kept down by the releasing of backlog export orders. Salt cake has commanded attention from foreign consumers, particularly from Sweden, where the shortage of soda ash has necessitated the substitution of salt cake for glass-making. A sizable stockpile of arsenic in Sweden is accessible to American consumers. Makers of formic and phosphoric acids have experienced difficulty in securing carboys to move their material. The present shortage of soap has stimulated the demand for metasilicate of soda and trisodium phosphate.

In connection with the announcement by the Export and Import Bank of a $50,000,000 credit to the Netherlands, the Department of Commerce stated that the proceeds of the loan were expected to be utilized for the procurement of chemicals and fertilizers along with textiles, leather and other materials.

Paper production as a percentage of six-day capacity was 96.2 in the week ended Oct. 12, according to the American Paper and Pulp Association. This compares with 94.1 in the previous week and 92.9 percent a year ago.

Market Trends

Prices Advanced

None

Prices Reduced

None

Comparative Price Indexes

Acids

(100=August 1, 1914)

Last week.	Prev. week.	Last month.	Last year.
168.9	168.9	168.9	169.0

General Chemicals

Last week.	Prev. week.	Last month.	Last year.
116.0	116.0	116.0	116.0

For Current Prices see page 9.

Arsenic—July production, which is the latest available, shows a decline of 11 percent compared with June, according to the Department of Commerce. Imports of 2,890,000 pounds brought domestic supplies to within 4 percent of those of the previous month. It is expected with a sizable stockpile in Sweden now accessible, supplies will be sufficient to meet all domestic wants. Exports of arsenic in July amounted to 55,000 pounds, of which 47,000 pounds went to India.

Bleaching Powder—Supply situation reported relatively tight. The present shortage has been brought about through export sales resulting from a heavy backlog of foreign orders accumulated before the war ended.

Calcium Chloride — Output sold ahead, with most producers behind delivery schedules. The supply position is definitely tight with the ice control season close at hand.

Calcium Phosphate—Available stocks are short in monobasic and tribasic due to the tight position of basic material and the difficulty in securing sufficient labor. While the position of phosphorus is regulating conditions in both calcium and soda phosphates, the latter classification is in a tighter supply condition at present than the former.

Carbon Bisulphide—Consuming demand has been well sustained, mainly through requirements of the rayon tire industry. As long as the present tire program is effective, demand for this chemical will likely hold.

Chlorine—Market holds tight position at present owing to curtailed production resulting from labor complications. All of the arsenals formerly making chlorine have discontinued operations.

Copper—Production of crude copper for September was 64,369 tons, according to the Copper Institute. Production for nine months through September amounted to 644,396 tons, Output of refined copper was 45,145 tons in September and 636,470 tons for nine months. Refined stocks on September 30 were 68,791 tons compared with 80,316 tons at the end of August.

Copper Sulphate—Labor conditions have slightly hampered production and the stockpile has been slowly but persistently increased. Industrial demand has continued fairly steady, while agricultural inquiry has remained mostly quiet with the exception of Florida, where some business has been placed for fertilizer purposes. Export inquiry has covered a wide area. In some instances, demand has emanated from countries not supplied by American material in recent years. Sizable quantities are wanted by Bulgaria, France and Turkey. Part of this demand cannot be satisfied as government officials are making sure there will be enough to cover domestic requirements before issuing licenses. It appears that Central and Latin America will be taken care of, but it was stated that any available export surplus will be allocated according to the ideas of the State Department.

Manganese Chloride — Curtailment of the manganese program has reduced the demand for the anhydrous grade of this chemical. A lot of this material formerly found its way into magnesium castings partly as an alloying agent.

Potash Chlorate—Supply position continued generally tight with labor disturbances having a tendency to delay shipments. Demand from the match industry was exceedingly heavy. Advices from Brazil state that imports of chlorate of potash increased from 456 metric tons in 1943 to 636 in 1944, the United States furnishing 92 and 884 tons, respectively, according to official Brazilian customs statistics. Values for total imports are shown as 7,800,000 and 8,316,000 cruzeeiros, and those for imports from the United States as 1,207,000 and 2,941,000 cruzeiros. In the prewar year 1938 the United States supplied four tons.

The Office of Surplus Property of the Reconstruction Finance Corporation announces that it is offering approximately 198,000 pounds of potassium chlorate, declaration No. 14,568, for sale through its regional office at Birmingham, Ala., and approximately 52,000 pounds of chloropicrin through its regional office at Richmond, Va. Offers will be received at the respective regional offices for these materials, which are understood to be in great demand, until October 31.

Salt Cake—Market has maintained a firm position under a fair domestic and export demand. Some sizable quantities have been purchased recently for Scandanavian shipment. The scarcity of soda ash has forced some of the foreign glassmakers to use salt cake as a substitute. The dock strike has restricted exports during a good part of this month.

Saltpeter—Advices from Brazil state that the United States was the chief supplier of saltpeter in both 1943

For Late Market Developments, See Page 4

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and 1944. Total imports are given as 841 and 1,386 tons, respectively, and values as 3,517,000 and 5,158,000 cruzeiros. Imports from the United States amounted to 812 and 1,266 tons, valued at 3,381,000 and 4,722,000 cruzeiros; in 1938 they were four tons.

Soda Ash—It seemed impossible to find any improvement in the overall situation. There was less labor unrest but demand was active with buyers showing a tendency to increase commitments. As before stated, bulk shipments are moving more freely than those in paper bags. The announcement of future contract prices is expected to bring in a lot of renewals by the end of the month. Advices from Brazil state that imports of soda ash dropped from 43,838 tons, valued at 56,125 cruzeiros, in 1943, to 18,238 tons, valued at 19,910 cruzeiros, in 1944. The United States furnished 18,188 tons in 1943, valued at 20,541 cruzeiros, and 10,189 tons, valued at 11,850 cruzeiros, in 1944.

Soda, Caustic—Supplies of all forms continued tight with liquid in better shape for shipment than either solid or flaked. Production continued below demand and shipments remained behind contract schedules. The shortage of material has checked export trade. Brazil's imports of caustic soda declined substantially in 1944 from those of 1943. Quantities are shown as 35,809 and 60,254 metric tons, respectively, and values as 69,983 and 105,735 cruzeiros. Imports of this commodity from the United States amounted to 34,027 tons, valued at 61,416 cruzeiros, in 1943, and 30,081 tons, valued at 59,773 cruzeiros, in 1944.

Soda Metasilicate—Supply position remained tight, but is expected to improve when cold weather becomes permanent so that production can increase with easier crystalization of the compound. Demand has increased sharply under the present soap shortage as it is used interchangeably with trisodium phosphate as a substitute for soap.

Soda Oxalate—Market quiet at present. Has not shown much activity since the Signal Corps cutback the demand for flares.

Soda Phosphate — Pyro and trisodium have continued in definitely tight supply under an expanding demand and restricted production. Increased buying interest is attributed to the shortage of soap, as both of the above chemicals are used as detergents in place of or in combination with soap. Not much improvement is expected in the supply situation over the remainder of the year.

Acids

Chromic — Supply position showed slight improvement compared with a month ago. Heavy demand from platers has kept market in a relatively tight condition.

Formic—Curtailed operations at the tanneries have kept demand rather quiet. There is an acute shortage of carboys at present, which is aggravating the current movement and shutting off practically all export business.

Oxalic—Producers have this chemical sold through the month of November and part of December. No relaxation in consuming demand could be noted and miscellaneous buyers have been forced to accept December shipments to cover requirements. Judging from trade reports, there will not be much material available for the remainder of the year.

Phosphoric—No easement in the general supply situation could be noted. No improvement is expected in acid until there is some loosening in the position of phosphorus. The shortage of carboys has tended to delay shipments.

Sulphuric—Civilian demand seems to have expanded sufficiently to offset government cutbacks. It is stated that the cancellation of TNT contracts did not have much influence, as most of the acid was recovered and could be used for other purposes such as superphosphate. The cutbacks in the production of smokeless powder affected the demand to a far greater extent. Residual stocks of sulphuric acid and oleum in the munitions and ordnance plants are being made available for industrial requirements, and possibilities of meeting acid wants in most areas appear favorable. In some sections, where there is insufficient plant capacity, ordnance plants may be taken over and operated by civilian industry.

40 Years with Company

James G. Vail, vice-president and director of the Philadelphia Quartz Company, manufacturer of silicates of soda, Philadelphia, recently celebrated forty years of continuous service with the company. His fellow directors and associates tendered a testimonial luncheon in his honor at the Downtown Club in Philadelphia.

RFC Surplus

—*Continued from page 4*

Miscellaneous organic chemicals (group 19-29), $1,789,729 acquired, $470,760 sold for $401,035.

Elemental gases, except oxygen chlorine (group 19-31), $510 acquired, $160 sold for $80.

Hydrocarbon gases, except petroleum and natural gases (group 19-32), $53 acquired, $46 sold for $46.

Refrigerants, except ammonia (group 19-33) $20 acquired, none sold.

Chemical warfare agents, except phosgene (group 19-34), $11,860 acquired, $11,646 sold for $14,173.

Miscellaneous compressed and liquefied gases (group 19-39), $93,457 acquired, none sold.

Paints, varnishes, lacquers, etc. (group 19-4), $7 acquired, all sold for $3.

Paints, varnishes, lacquers, Japans, etc. (group 19-41), $2,703,314 acquired, $493,139 sold for $296,374.

Color Pigments, except organic lakes and toners (group 19-42), $41,617 acquired, $29,424 sold for $11,877.

Paint dryers (group 19-43), $3,978 acquired, $31 sold for $26.

Wood fillers (group 19-44), $16,696 acquired, $1,078 sold for $725.

Whiting (group 19-45), $19,804 acquired, $2,642 sold for $1,172.

Nitrogenous fertilizers (group 19-51), $387 acquired, all sold for $255.

Phosphatic fertilizers (group 19-52), $224 acquired, $8 sold for $39.

Potassic fertilizers (group 19-53), $268 acquired, all sold for $236.

Nitrogen phosphorus fertilizers (group 19-54), $23,226 acquired, $23,221 sold for $23,383.

Nitrogen potassium fertilizers (group 19-55), $820 acquired, all sold for $360.

Fertilizers containing nitrogen phosphorus and potassium (group 19-57), $2,402 acquired $1,253 sold for $814.

Minor element fertilizers (group 19-58), $158 acquired, all sold for $138.

Fertilizers and fertilizer materials, n.e.c. (group 19-59), $131 acquired, all sold for $38.

Insecticides, fungicides, and agricultural chemicals (group 19-6), $907 acquired, none sold.

Inorganic insecticides (group 19-61), $2,147 acquired, $1,666 sold for $1,171.

Organic insecticides (group 19-62), $10,889 acquired, $4,116 sold for $3,189.

Fungicides (group 19-63), $3,817 acquired, $2,955 sold for $2,871.

Agricultural chemicals (group 19-64), $97, acquired, none sold.

Insectides, fungicides, etc., n.e.c. (group 19-69), $528 acquired, none sold.

Explosives and components (group 19-7), $301 acquired, all sold for $65.

Black blasting powder (group 19-72), $2,155 acquired $396 sold for $515.

High explosives (group 19-74), $65,496 acquired, $23,222 sold for $18,068.

Detonators (group 19-75), $2,608 acquired, none sold.

Blasting supplies; except black powder (group 19-76), $2,673 acquired, $847 sold for $209

Condensation plastics (group 19-81), $160,890 acquired, $31,362 sold for $22,636.

Polymerization plastics, except fibers (group 19-82), $83,313 acquired, $3,716 sold for $2,520.

Protein plastics, except fibers (group 19-83), $191 acquired, $42 sold for $42.

Cellulose plastics, except filaments (group 19-84), $287,700 acquired, $175,410 sold for $123,414.

Synthetic fibers (group 19-86), $7,303 acquired, all sold for $5,274.

Synthetic elastomers (group 19-87), $27,046 acquired, $8,662 sold for $5,396.

Plastics materials, synthetic fibers, etc. (group 19-89), $1,616 acquired, $120 sold for $192.

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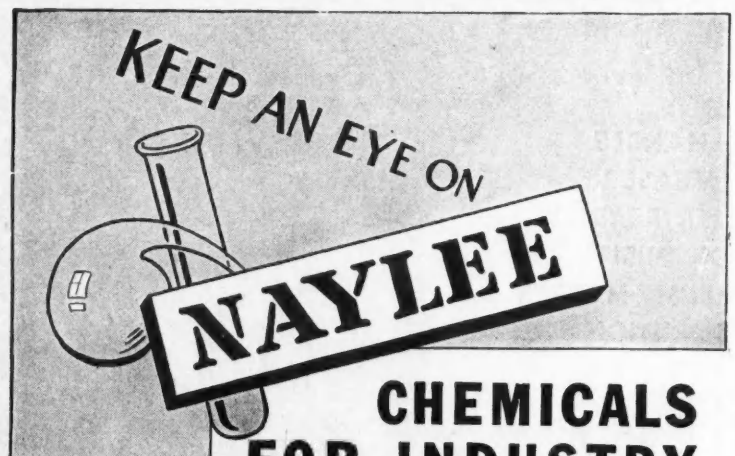

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BALSAM TOLU—50 cs, Magnus, Mabee & Reynard
BEEF LIVERS—210 cs, Eli Lilly & Co
CAFFEINE, ANHYDROUS—40 bbls, Lo Curto & Funk
CASTOR BEANS—1,694 bgs, 254,100 lbs, Tunley & Co
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3,898 bgs, 584,700 lbs, Baker Castor Oil Co
1,476 bgs, 221,400 lbs, Leon Israel & Bro
CHEMICALS—19 cs, Sandoz Chemical Works
3 dms, Rohner, Gehrig & Co
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400 bgs, 80,000 lbs, Ernest Adler & Co
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COTTON LINTERS—3,147 bls, Williamson Product Co
2,282 bls, New England Waste Co
35 bls, Geismar & Co
COTTONSEED MOTES—2,335 bls, Kandes, Steuber Co
CUMIN SEED—125 bgs, 16,250 lbs, Bank of the Manhattan Co
110 bgs, 14,300 lbs, H S Cramer & Co
DIVI-DIVI—1,700 bgs, Guaranty Trust Co
DYES, ANILIN—65 dms, Sandoz Chemical Works
14 dms, Rohner, Gehrig & Co
GLANDS—34 cs, International Commercial Co
78 cs, Eli Lilly & Co
89 pkgs, Eli Lilly & Co
28 cs, Parke, Davis & Co
4 pkgs, Parke, Davis & Co
260 cs, Tupman, Thurlow & Co
STOMACH—17 cs, International Commercial Co
GLUE, BONE—400 bgs, Transatlantic Animal By-Product Corp
GLUESTOCK—839 rolls, H Remis & Co
61 rolls, First National Bank
GRAPHITE—615 bgs, Charles Pettinos
GUM—27 bgs, Bank of London & South America
MYRRH—17 cs
OLIBANUM—67 bgs, Bank of London & South America
GYPSUM ROCK—2,025 tons, National Gypsum Co
HAIR, CATTLE TAIL—12 bls, Armour & Co
HENNA LEAVES—50 bls, J L Hopkins & Co
KYANITE—100 tons, Golwynne Chemical Co
MANIOC STARCH—13,017 bgs, 1,822,380 lbs, United States Commercial Co
MENTHOL—38 cs, Vick Chemical Co
200 cs, C L Huisking & Co
MYROBALANS—867 bgs, Tannin Products Export Corp
805 bgs
OIL, CARAWAY—10 dms, C L Huisking & Co
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ESSENTIAL—5 cs, Guaranty Trust Co
1 cs, All Transport, Inc
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17 cs, Rohner, Gehrig & Co
2 cs
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EUCALYPTUS—7 cs, Centflor Mfg Co
LAVENDER—3 cks, Inter Maritime Forwarding Co
OITICICA—409 dms, Pacific Vegetable Oil Co
104 dms, Brown Linseed Corp
ORANGE—250 cs, Magnus, Mabee & Reynard
SASSAFRAS—12 dms, Magnus, Mabee & Reynard
ORIGAN—90 bgs, National Bank of Greece
OX GALLS—10 bbls, Tupmann, Thurlow & Co
PEPPER, BLACK—19,200 bgs, United States Commercial Co
PYRETHRUM FLOWERS—487 bls, United States Commercial Co
RESIN—148 bgs, Herman Weber & Co
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SHELLAC—100 bgs, Gillespie-Rogers-Pyatt Co
BUTTONLAC—200 bgs, Gillespie-Rogers-Pyatt Co
SPONGES—22 bls, National Bank of Greece
6 bls, Bank of Athens
SENNA SIFTINGS—108 bls, S B Penick & Co
38 bls
TAPIOCA FLOUR—3,000 bgs, 420,000 lbs, United States Commercial Co
767 bgs, 30,680 lbs, Erie R R
TEAWASTE—2,000 bgs, Citro Chemical Co
TUCUM KERNELS—2,768 bgs, 276,800 lbs, Durkee Famous Foods
8,615 bgs, 861,500 lbs, J H Redding
1,694 bgs, 169,400 lbs, E F Drew & Co
WAX, CARNAUBA—125 bgs, Mercantile Metal & Ore Corp
25 bgs, F R Dolan
125 bgs, Ultra Chemical Works
188 bgs, Boyle Midway, Inc
145 bgs, Natural Product Corp
33 bgs, W R Grace & Co
156 bgs, Fred Henjes, jr
4 bgs, J H Redding
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WASTE—3,103 bls, Armstrong Cork Co
WOOD—3,761 bls, Armstrong Cork Co
CUTTLEFISH BONES—80 pkgs, R Koppel

Textile Chemists

—Continued from page 7

was conducted by James Myers, R. J. Tyrrell, and Dr. R. E. Rupp.

Light for color-matching was one of the major topics, the problem arising from experience that certain shades matched under the dyehouse light didn't match under any other, which meant customer dissatisfaction. One popular view was that matching can best be done under a Macbeth lamp in a fully darkened room. This was held to be better than daylight. Sticking to one light was urged.

Because of the prevalence of fluorescent lighting in apparel plants and textile shops there was some opinion that dyehouse matching should be made under that lighting. If the same light is used in all tests, this, it was said, is a satisfactory method. Any good average light is satisfactory in the opinion of some commenters. Some declared that fluorescent light gave a yellowish cast. The Quartermasters corps has a Macbeth lamp, but matches in north daylight. The point was made that the Macbeth lamp has various fillers and with a 1,000-watt mazda can overreach daylight. A newly developed light was mentioned, but not identified. This was said to avoid all sharp peaks of light wavelengths.

Different dyestuffs give different pictures under the same light, it was said. Hence, laboratory dyeings for testing should be made with the same dye that will be used on the finished goods. Electrospectrophotometric matching was said to be unsatisfactory, being less sensitive to shades than is a trained human eye. The suggestion was made that a standardized lamp for color-matching be developed through work of the association.

Vat dyeing methods were discussed with particular reference to the value of machine processes of developing. Information was sought on the speed of several machines for this work and on the influences of fabric, shade, color, and other variable factors. Performance, it was said, depends largely on the type of color and the depth of shade.

Drying was declared to be an important factor, control of dried goods being simpler than in the case of wet goods. Feed liquors, it was said, go much easier and there is greater efficiency when goods are partially dried.

It was reported that the developing bath requires from 3 seconds to 25 seconds, averaging 10 seconds for medium shades with straight steaming. There is less moisture and a better surface in padding. But, the consumption of hydrosulphite varies with the wetness of the goods, and that point must be studied. The optimum temperature differs for different colors. Blue runs well at 180 degrees in solution, but not on the cloth, 200 degrees to 212 degrees is required for most work.

There was considerable argument over the economy of the developing machines, the question being raised, whether drying was not the most important faction in vat dyeing processes, and whether it would not give results equal to machine developing at lower costs. An endeavor was made to ascertain from comparable experiences the advantages of the new machine methods in speed, colorfastness, shade depth, and other par-

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ticulars. There was more of opinion than of experience in the responses. One relation was a dried roll gave shades 10 percent to 15 percent stronger and greater fasteners to light. There was a saving, said some, in high-temperature boosting over pad-jigging in some colors if dried.

To the question whether drying or the method of fixation had the more to do with improved results, some replied on one side, some on the other. The physical effect of drying on the appearance of color was noted, but without agreement. Labor-saving on the roll machines was mentioned as a factor. The efficiency of drying was declared to depend largely on the steam pressure available, and better engineered supply systems were boosted. This led to an inquiry as to what temperature meant or did. Next came a fundamental question as to what is dyeing. All this left much vagueness in the matter of whether the new developing methods are worth what they cost or it is drying that really counts in results.

Among the many problems informally discussed was why light centers should be got in dyeing heavy fabric with sulphur brown. This did not seem to be a common experience. Proper wetting was advanced as the probable remedy.

In connection with several dyeing operations, the point was made that salt is more effectively and more economically introduced into the bath as a brine than in the dry form.

Hosiery Dyeing

In the other symposium devoted to hosiery dyeing, the handling of nylon quite naturally got the most attention. This group meeting was directed by R. H. Smith, Leon Guigou, and W. W. Gluyas.

Acetate dyes were said to give good light-fastness and even coloring on nylon; they finished smoother but were not so washable as some other types. Boiling nylon does not injure it, and scouring and dyeing temperatures may be run up to 240 degrees to 260 degrees in three-minute treatment at 15-pounds pressure. It was expected generally that still better colors would be found.

Sulphonated oils were said to be the best dispersing agents for use in dyeing nylon. The new dispensing agents have not been found troublesome and they help with acetate dyes. Fairly equal temperatures for dyeing and preboiling were generally preferred. It was pointed out that resetting can be done at a temperature lower than that of the setting.

Experience was lacking on the relative value of acrylic and urea-formaldeheyde resins in the finishing of nylon. Temperature and curing time were said to be important factors. Nobody would definitely forecast the development of better finishes than are now available. Personal opinion seemed to be a strong influence in the choice of finishes. The methacrol dispersions were recommended. Low absorption is a factor, and finishes of the usual type do not stay on.

Nobody was ready to make a pronouncement on the future of silk. Some comment there was on when this material would be available and in what form: supplies of Italian silk were said to be near. There were several opinions on whether resin finishing of silk would give snag resistance comparable with that given to nylon. Latex finishes appeared to be the most favored. It was said that the use of lubricant-type softeners increased the snag resistance of resin finishes.

The ecologic role of the textile industry was outlined at the banquet session by Dr. Frederick T. Peirce, director of research at North Carolina State College. This role is in connection with the service of humanity in its relation to environments. The textile industry, Dr. Peirce said, has good materials, excellent processes, useful products, but it still needs to know more about the ultimate purpose, the use, of what it makes. He noted some of the advances in usefulness of textiles in military equipment and in protective equipment in respect of climate, insects, and other ecologic factors.

The metabolic, thermodynamic, pharmacologic, and other aspects of study and knowledge of the usefulness of textiles to humanity were briefly presented by Dr. Peirce. He declared that the traditional criterions for the evaluation of textiles fell far wide of efficiency. A point was made of the advances in protective clothing in connection with aviation, and emphasis was laid on the value of cellularly entrapped cold, dry air as an insulator.

New Officers

The election for officers was a brief, unanimous affair. The nominating committee and the convention quickly and smoothly agreed upon the following:—

Chairman, Leland G. Atkins, of the Southern Dyestuff Corporation, Charlotte.

Vice-chairman, Wyss L. Barker, of the National Aniline Division, Allied Chemical & Dye Corporation, Charlotte.

Secretary (re-elected), John B. Neely, of the Burlington Mills Corporation, Burlington, N. C.

Treasurer, Roy J. Beauregard, of the Fairforest Finishing Company, Spartanburg, S. C.

Councilors, three years, Sydney M. Cone, of the Proximity Print Works, Greensboro, N. C.; two years, Dr. R. E. Rupp, of Pacific Mills, Lyman, S. C.; one year, Samuel L. Hayes, of the Ciba Company, Charlotte.

Members of sectional committee, E. A. Briggs, of the Southern Franklin Process Company, Greenville, S. C.; Robert H. Smith, of Melrose Hosiery Mills, High Point, N. C.; Fred E. Sprock, of the Geigy Company, Charlotte; W. A. Waddell.

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Agricultural Chemicals

Total superphosphate production at plants of acidulators reporting to The National Fertilizer Association increased 20,000 tons, basis 18 percent a-p-a, from July to August. The total August output was only slightly below the all-time peaks in production and was above production in any month of last Winter. In prewar years the period of heaviest production was in October-March, but the former seasonal pattern has been changed by the heavy demand for superphosphate and by the more even distribution of fertilizer shipments. Compared with production in August, 1944, there was in increase this year of 19 percent. Production of concentrated superphosphate at reporting plants continued to decline in August. Total production in the first eight months of this year was 6 percent greater than in the corresponding period of 1944. Reported production of concentrated superphosphate was 14,000 tons less in the January-August period this year than in the corresponding period of 1944.

Shipments of superphosphate in August exceeded those in August, 1944, by 12 percent. In four of the last five months, shipments have been more than in the corresponding months of last year. The tonnage used in mixed goods in August was practically the same as a year ago. January-August shipments were slightly below last year, but there was an increase of 177,000 tons used in mixed goods. The total quantity disposed of was 5 percent above 1944. This compares with a 9 percent increase in fertilizer tax tag sales in the same period.

Nitrogenates

Ammonia Sulphate—Further drop in production has tended to tighten the supply position. Mixers have taken material as rapidly as available, leaving practically no stock for export.

Hoof Meal—No material was available for immediate shipment. Bids at top prices failed to bring out offerings.

Soda Nitrate—Found a seasonal outlet from a comfortable supply situation. Price position firm but without indication of change.

Tankage—Some scattered sales of dried blood and tankage were reported for feeding requirements, but there was considerably more demand than supply. The market's position at the close was definitely tight.

Phosphates

Phosphate Rock—Tennessee brown phosphate rock, unground, washed and dried, in carlots, is now quoted at $4.80 per ton for 68-66 percent B.P.L. The 70-68 percent grade is held at $5.30 and the 72-70 percent is quoted at $5.80 per ton. Production of both Tennessee and Florida rock is sold heavily on contract to acidulators. Some sizable amounts have been taken for export, and a good inquiry remains in the market.

Superphosphate—Stocks recorded a moderate seasonal increase during August, according to WFA. Stocks at the end of the month were 6 percent larger than the corresponding month in 1944. In spite of the increase, stocks are comparatively low in relation to demand and to the current level of operations when compared with prewar conditions. Stocks at the end of August, 1939, for instance, were 2¾ times as large as shipments in the three preceding months, while stocks at the end of August this year were only three-fourths as large as shipments in the three preceding months. August production was 482,278 tons of normal 18 percent, against 405,119 tons for August, 1944. Output from January through August amounted to 3,722,265 tons, compared with 3,514,513 tons in the same period last year. Stocks at the end of August registered 613,935 tons, against 579,109 tons on August 31 a year ago.

Potashes

Production of muriate has continued to find a ready outlet through standing contract channels and the heavily sold position of the market has kept additional stocks scarce. Some domestic inquiries were in the market and some export business could have been placed if material was available. Prospects for bringing in foreign potash are not considered favorable. The Soviet Union's potash mines at Solikamsk have been reopened and the concentrator is in operation, according to foreign advices. Potash production is also reported to have been resumed at the Chkalov and Sredni mines.

Market Trends

Prices Advanced

Tennessee brown phosphate rock, 20c. per ton.

Prices Reduced

None

Comparative Price Indexes

(100=August 1, 1914)

Last week.	Prev. week.	Last month.	Last year.
71.8	71.8	71.8	71.8

For Current Prices see page 9.

Markets at Other Centers

Baltimore, Oct. 19.—Fertilizer materials continue in active demand. Menhaden fishing has remained in progress along the Delaware, Jersey and Long Island coasts. Production of superphosphate remains as heavy as labor will permit. Tankage, dried blood and bone meal are holding at levels too high for fertilizer.

Chicago, Oct. 19.—A great deal of scarcity was noted in the fertilizer materials market. Indications were that suppliers will be able to make available no more, and possibly less, than in the recent past. Dry tankage offerings have been the principal obtainable recently. Blood remain firm and strong. Bone materials were quiet.

Los Angeles, Oct. 19.—All organic stocks remained low here this week. Potash and nitrogenous materials also were in short supply and good demand. Market as a whole remained quiet. Ruling prices are:—Ammonia Nitrate—Named at $65 per ton with freight allowances up to $4.40 per ton from production plant. Ammonia Phosphate—Quoted at $48 per ton for 16/20 grade and $57 for 11/48 delivered at production plant.

Insecticides

Supply outlook for most of the agricultural insecticides and fungicides is favorable at present. The exceptions are rotenone and nicotine sulphate where some uncertainty exists regarding future stocks. In the latter material it is known that attempts are being made to secure more tobacco. It is admitted that many standard materials now in adequate supply may become tight if growers and dealers go past the normal time for placing their orders. The introduction of new materials has made demands uncertain and manufacturers hesitate to produce in volume until they have some idea of what will be purchased. Production of DDT is insufficient to meet the current extent of demand. Many producers have enough of this material booked to assure capacity output for the remainder of the year. Owing to the tight position of first hand supplies, buyers are finding it difficult to secure deliveries before late December. Quotations remain unchanged, the carlot figure being 45c. a pound in drums, works, with smaller lots higher, depending upon quantity desired.

Sulphur and Pyrites

Consuming demand for sulphur has been maintained at a level somewhat above trade expectations. The cutback in sulphuric acid demand for high octane gasoline has been partly offset by an increased call for acid for fertilizer use. At one of the major producing companies it was stated that sulphur shipments for September were only off about 10 percent from August. It was also estimated that total shipments for the last quarter would average a decline of approximately 14 percent, compared with 1944. Bureau of Mines placed August production at 346,349 tons. Stocks at the end of August were 3,711,311 tons, against 3,698,357 tons on July 31. Spanish pyrites remained quiet and unchanged.

For Late Market Developments, See Page 4

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Barrett

ONE OF AMERICA'S GREAT BASIC BUSINESSES

Coaltar Chemicals

Market Trends

Prices Advanced

None

Prices Reduced

Xylol 10°, 5°, 3°, 1c. per gal.

Comparative Price Indexes

(100=August 1, 1914)

Last week.	Prev. week.	Last month.	Last year.
127.3	127.8	127.8	129.2

For Current Prices see page 9.

Prices of xylol 10, 5 and 3 degree grades were reduced one cent a gallon but there were no other price charges recorded in the basic coaltar chemical market. The revision was not due to any surplus of coaltar xylol because enough of this material is going into the manufacture of protective coatings and into export channels to hold the market supply position relatively tight. Demand for benzol has run close to current production and at present the market is fairly well balanced. The tight position of cresylic acid has not been relieved and deferred demand has taken domestic output and importations readily. Steady shipments of creosote oil for wood-processing have prevented any improvement in the supply position. Phenol did not uncover any unusual change although prospects favored better stocks. Some easement in the supply of crude naphthalene could be noted but there was a backlog of orders in refined sufficient to keep a tight inventory position over the remainder of the year. Toluol stocks were fully capable of meeting both export and domestic requirements.

Supply conditions in intermediates are gradually improving. Stocks would probably be freer if producers could overcome labor complications. Deferred demand for anilin oil as well as for some of the other intermediates is taking production readily. Phthalic anhydride has improved its supply position and there appeared to be plenty of material available to meet requirements. Aside from the methyl grades, prompt shipments of hydrogenated solvents were obtainable.

Steel operations for the week beginning October 15 were scheduled at 66.3 percent of ingot capacity, compared with 73.5 percent for the previous week, according to the American Iron and Steel Institute. A month ago, the indicated rate was 83.2 percent. The present schedule is equivalent to the production of 1,214,400 net tons of ingots and castings, compared with 1,346,300 tons for the previous week and 1,745,000 tons for the corresponding week in 1944.

Production and supply figures in some of the following market reports are by-products from coke production and are released by the Bureau of Mines unless otherwise specified.

Basic Products

Benzol—Buying power emanating from domestic and foreign sources has been sufficient to absorb output without much difficulty. This condition has given the market a better degree of balance and, temporarily, it looked as though demand had leveled off production. The supply of motor benzol on August 31 was 619,135 gallons and other grades 4,749,711 gallons.

Coaltar—Production of crude coaltar in August amounted to 57,283,465 gallons, compared with 61,257,092 gallons in July. Production from January through August totaled 484,099,320 gallons against 515,039,000 gallons for the same time in 1944. Stocks at the end of August were 32,917,110 gallons against 33,075,860 gallons on July 31.

Creosote Oil—August output amounted to 2,822,208 gallons compared with 3,051,086 gallons in July. Production for nine months through August was 24,572,817 gallons against 28,685,000 gallons for the corresponding period in 1944. Stocks at the end of August were 894,304 gallons, compared with 985,609 gallons at the close of July. The market's supply position was reported tight.

Cresylic Acid—Demand has continued to keep considerably in excess of available stocks and there was no indication of easement from the former tight supply position. The ending of the war left a large backlog of orders and it does not seem likely that buying conditions will improve until these orders are satisfied.

Naphthalene — Production during the month of August amounted to 7,242,143 pounds, compared with 7,715,663 pounds in July. Output for nine months through August was 60,311,554 pounds against 69,691,000 pounds for the same time in 1944. Stocks at the end of August were 2,176,575 pounds, compared wiht 3,443,719 pounds on July 31. Slight easement could be noted in the position of crude but refined continued in a definitely tight condition.

Phenol—Market conditions were rather tight as far as the available supply was concerned. The outlook appeared favorable for early easement under the improved position of the basic product. A steady miscellaneous demand was reported.

Pyridin—Crude production in August registered 40,004 gallons, compared with 34,806 gallons in July. Production from January through August was 329,746 gallons against 339,000 gallons for the corresponding period in 1944. Stocks at the close of August were 113,396 gallons against 98,021 gallons on August 31.

Toluol—August production of all grades was down 5.9 percent from July. The totals stood at 2,429,784 gallons for August against 2,582,099 gallons for July. Production from January through August amounted to 20,803,303 gallons, compared with 22,356,000 gallons for the same time in 1944. Stocks at the close of August showed a substantial increase. The supply was 1,565,305 gallons, compared with 1,052,409 gallons at the close of July. Supplies remained sufficient to permit prompt shipments.

Xylol—Output for August and July did not vary greatly. August production was 610,915 gallons of all grades against 599,579 gallons for July. Production from January through September was 5,311,981 gallons, compared with 5,848,000 gallons for the same period in 1944. Stocks at the end of August were 433,539 gallons against 432,277 gallons at the close of July. No price change in coaltar industrial grade was reported but the 10°-5°-3° grades were down one cent a gallon.

Chicago, Oct. 19.—Current trade in coaltar bases was active, whenever material was obtainable. While some products are now in a little better supply, a generally steady tone is reported for most material, and offerings are not particularly pressing. Benzol showed good tone. Ruling prices exclusive of tax were:—Benzol, pure, in tankcars, 15c. per gallon; 10-degree xylol, same basis, 30c.; industrial xylol, same basis, 26c.; 2-degree toluol, same basis, 27c.; solvent naphtha, same basis, 27c.; creosote oil, grade 1.15½c.

Coke By-Products

Estimates of by-product coke-oven operations in the week ended October 12 indicate the following output of by-products from that source:—

Ammonia liquor NH_3	lbs.	799,496
Ammonia sulphate	lbs.	20,702,745
Benzol	gals.	2,608,825
Coaltar	gals.	9,678,113
Creosote oil	gals.	538,608
Naphthalene	lbs.	1,279,194
Phenol	lbs.	151,484
Toluol	gals.	521,777
Xylol	gals.	117,821

Hydrogenated Solvents

Supply position has remained favorable, except in the methyl varieties where production has been adjusted to fit a smaller demand. Cyclohexanol, cyclohexanone and cyclohexane were all available for prompt shipment under a not too active consuming inquiry.

For Late Market Developments, See Page 4

Koppers has a number of strategically located shipping points throughout the country, from which it ships these coal tar solvents.

Now that allocations have been lifted, you can enjoy the manufacturing advantages of genuine coal tar solvents once more.

KOPPERS COMPANY, INC., TAR AND CHEMICAL DIVISION, PITTSBURGH 19, PA.

Coaltar Acids

Anthranilic—Supply position tight with a tendency to improve gradually. While basic materials are coming into better supply, labor complications have prevented much expansion in output.

Broenner's—Reported quiet with shipments directed mostly to regular consumers. Stocks limited but about equal to current requirements.

Cleve's—Requirements of regular consumers are being covered but there was not much of a movement in other directions. Short supplies held market firm.

Fumaric—Manufacturers of protective coatings and sheet resins are taking a lot of this acid. Production at present is not of a character to oversupply the market and stocks are short.

Gamma — Production has moved mostly into regular consuming channels. Shipments were sufficient to keep stocks relatively low.

Maleic—Anhydrous grade finding an active outlet in the production of laminated resins and protective coatings. Supply situation reported tight.

Other Intermediates

Anilin—Although more benzol has been available, it has been difficult to step up production under the prevailing labor shortage. Demand has been active with deferred requirements gradually being covered. The current supply is not liberal and the market's price position is firm.

Diethylanilin—Prospects favor an improved market position. Labor continued scarce but the supply of basic materials has shown a tendency to ease.

Dinitrobenzene—Freer supplies of benzol are aiding in the restoration of this market to a more normal condition. Market reported firm but not unusually active.

Diphenyl—Supply position not as tight as a month ago although not much material has been made available for commercial use to date.

Orthonitroanilin — Commanding moderate buying interest from regular consumers. Stocks not plentiful but appeared sufficient to meet current requirements.

Phthalic Anhydride—Supply position has continued to improve. Prompt shipments are available from stocks that appear fairly free. The easement in the supply situation has been brought about by a tapering off in consuming demand in the face of a relatively high production.

Coaltar Colors

Market position reported firm with some gain in distribution. A steady inquiry featured the sulphur dyes, with sulphur black well represented in the current movement. There was also plenty of call for the anthraquinone vats while synthetic indigo continued to command more attention than any of the other dyestuffs.

Acetylene Black Disposal Puzzling RFC

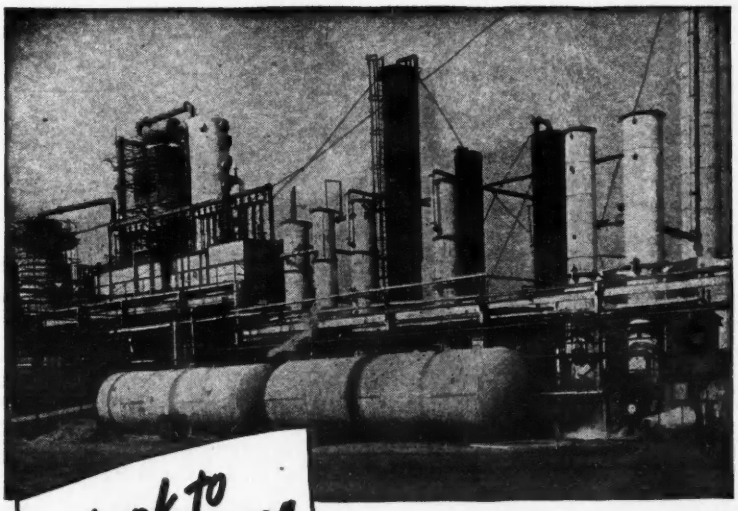
The problem of what to do with about 3,000,000 pounds of acetylene black left over from the war production program is now engaging the attention of the surplus disposal officials of the Reconstruction Finance Corporation.

The material is of Canadian origin. There was no production of acetylene black in the United States during the war, although it was in large demand for the manufacture of dry cell batteries for the Army Signal Corps. With the ending of the Signal Corps contracts, the government now finds itself with 3,000,000 pounds of it on hand.

It is understood that Edward Stern, Chemical Controller of Canada, visited Washington this week to confer with officials on the problem, and suggested that possibly the Canadian producers would repurchase the material. It has been recommended to RFC officials that they try to find some use for it in the United States or that it be sold back to the Canadian producers. No decision as yet has been reached.

S.A.A.C.I. to Meet

The Salesmen's Association of the American Chemical Industry will hold its annual meeting in the Hotel Roosevelt, New York, October 24. Attendance is restricted to members only.



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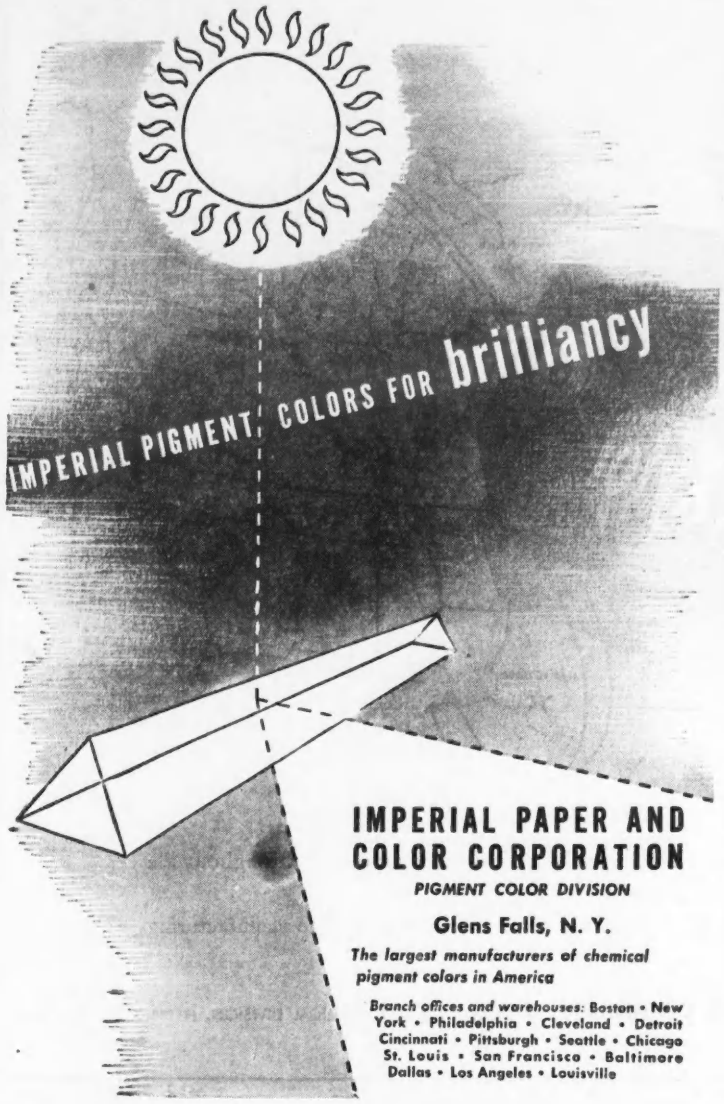
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Protective Coatings Materials

While continuing to make some headway in its journey from wartime to peacetime production and marketing, the protective coatings industry is still lagging woefully behind the schedule which it had set for carrying out its reconversion program. Although many of the deterrents to a swift and smooth transition to a predominantly civilian business, superimposed by the War Production Board and War Food Administration with their restricted use regulations on constituent materials, have recently been removed in their entirety or at least modified materially, there remains to be surmounted a long list of obstacles created by labor disturbances and work stoppages in several heavy industries in various parts of this country, which had been confidently counted upon to supply sizable outlets for paints, varnishes and lacquers.

Moreover, shortages of many of the raw materials and in skilled labor are also exerting a restrictive influence upon production of numerous peacetime finished products in the protective coatings lines, although these stumbling blocks are in a fair way to be removed with the expected resumption of shipping operations and the speedy swelling of the ranks of unskilled labor as more manpower is released from military service and with the upgrading of partly skilled workers in the paint-making craft through the recently available training in surface technology afforded by university extension courses.

Further study and analysis of the latest of the monthly Census Bureau reports on sales of paints, varnishes, lacquers and fillers—those for August, showing a total of $51,068,306—have given some intimation of the extent to which the volume of business in these lines has diminished since military orders began to be cut back and cancelled with the ending of the war. Although this report covers operations in only two weeks of the period since V-J Day, it reveals a recession for the eighth month of this year of more than $1,500,000 in the total sales of 680 establishments from those for the seventh month of 1945, and a drop of over 13 percent from those for August, 1944. And with this recession in sales volume, due to military rescissions growing progressively larger each month after August, it is obvious that the grand sales total for the entire year 1945 will fall far below that of the banner year, 1944, reaching, as it did, a grand total of $618,604,285, unless all of this loss on military account is made up with a huge gain in civilian business.

Metallic Lead and Zinc

Though the recent amendment to the lead chemicals regulation, order M-384, has seemingly benefited consumers of the lead pigments to the extent of removing all restrictions on their uses of these pigments and hence on the quantities that they may desire to employ in their processing of finished paints, it has not provided for a much greater release of pig lead for the pigment makers. For, by its terms, the latter are still limited in the aggregate quantity of metallic lead that they are permitted to use for the making of white lead and red lead to an amount not in excess of 55 percent of the aggregate quantity of metallic lead which they put into process for the production of these lead chemicals during the first six months of 1944.

The Bureau of Mines preliminary estimate report on metallic lead production for August shows that the domestic output of the mines, in terms of recoverable metal, reached only 30,009 short tons, or 278 tons less than that for July, with the daily average production amounting to only 968 tons, compared with 977 tons for July.

Prices of pig lead have continued unchanged for the week October 12-19 at 6.35c. per pound in St. Louis and 6.50c. in New York.

Market Trends

Prices Advanced

Alphapinene, ¼c. per gal.
Gum turpentine, ¼c. per gal.

Prices Reduced

None

Comparative Price Indexes

(100=August 1, 1914)

Last week.	Prev. week.	Last month.	Last year.
140.2	140.2	140.2	140.2

For Current Prices see page 9.

While production of slab zinc within the past month has been running at approximately the same level as that for several recent months, it is still far below total trade requirements.

Makers of leadfree zinc oxide are still having difficulties in obtaining all the zinc slabs which they require.

Zinc slabs have remained unaltered for the week October 12-19 at 8.25c. per pound in East St. Louis and 8.66c. in New York.

Pigments

Red Lead—Manufacturers of this pigment have begun to realize, this past week that they have not benefited as much as they originally believed by the recent amendment to the lead chemicals order, M-384, for the new provision of this regulation, while lifting all use and quantity restrictions from consumers, still limit the quantity of metallic lead which they, the processors of chemical products, are allowed to have in making this product and hence the amount of this product that they may produce to a maximum of 55 percent of the quantities of lead and pigment that they produced in the first half of last year. True, there are no restrictions on consumers as to the quantities they may use, but they are in the position of suppliants asking the producers "when, as and if" the latter can supply them with the quantities that they desire.

Titanium Dioxide—With military requirements to TiO_2 only slightly reduced to date, the quantity of this white pigment material available for distribution to the makers of paints for civilian use continues very limited. One leading manufacturer has suffered from a work stoppage resulting from an until-now-unsettled strike at his plant in New Jersey, customarily producing his "A" material, and, although this has not curtailed the output and marketability of his "B" materials and the blends known as "C" and "D," it has reduced the overall supply materially, at least temporarily. Current allotments to the trade are still nominally running on an 80 percent quota, but, with the overall supply thus lowered, the quantities actually being allotted are naturally held down considerably.

White Lead — Conditions exactly similar to those described above as prevailing in the red lead situation also characterize the market picture for white lead. Consumers are permitted to buy all they desire but, with makers limited to 55 percent of their first half of 1944 production, the former are not able to fill all their requirements.

Fillers and Extenders

Gypsum—Continues in fairly brisk demand with prices well maintained. An arrival of 2,025 tons of gypsum rock has been noted within the past week.

Mica—The paint trade is still buying extensively of wetground scrap mica, especially of the finely powdered grade, and only slightly less activity is noted in the dryground types. Manufacturers continue to report that they can sell all they can produce.

Dry and Chemical Colors

Carbon Black—With the continued work stoppages and slowdowns in many of the plants producing synthetic rubber tires there has been a slight reduction in the takings of the so-called "rubber" grades or compressed types of channel black, making the supply available to the paint makers much more liberal but, as the

For Late Market Developments, See Page 4

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buying interest of the latter consumers has also waned of late, while production has continued to mount, the inventories of the channel black manufacturers are being materially built up. The question has arisen in some quarters as to whether, with the production facilities greatly expanded by Government-financed enterprises, there may be such overcapacitation in this score within the ensuing year as to result in a huge surplus accumulation of channel blacks. But, even, if, as now scheduled, production for next year reaches 1,350,000,000 pounds, there is not likely to be much of a surplus when the Government-forecasted demands of 1,295,000,000 pounds from domestic and foreign consumers are met.

Graphite—A steadily growing movement of this material is noted with domestic and foreign graphite figuring about equally in the aggregate shipments into consumption. An arrival of 615 bags has been reported within the past week.

Ocher—Continues in fair request with prices well maintained. An arrival at Baltimore of 138,180 pounds of ground ocher has been noted of late.

Driers and Flatteners

Naphthenates—A moderate demand for these driers continues to be noted but the current movement into consumption is by no means as extensive as it was immediately after all restrictions were removed, resulting in a heavy, but short-lived flooding of manufacturers' capacities with previously banned orders from paint and varnish makers not engaged in military production work.

Tallates—As the pressure on the supply situation in these driers has been relieved by the recent opening of the gates, hitherto barring many consumers from the use of naphthenates, only a fair-sized business is now being done in tallates.

Stearates—Although production of paints and varnishes for civilian uses continues to lag in many quarters, purchasing operations by the paint industry in these flattening agents are still reaching such large proportions as to call for all that their manufacturers can turn out.

Lacquer Materials

Dibutyl Phthalate—A survey and checkup of all the price schedules of the leading manufacturers of this material for the October 10-November 9 period merely confirm the market reports previously supplied by OPD—that only three of these manufacturers have revised their prices for the current month and all three revisions have been in a downward direction. The most pronounced markdown has been that announced by the lowest price producer, who, as already reported, has lowered his price schedule to a basis of 16.7 cents per pound in tankcars, 17.7 cents in drums for carload lots and 18.2 cents per pound in less than carload lots. Another manufacturer has dropped his quotation 2.3 cents per pound to a basis of 18.5 cents in tankcars, 19.5 cents in drums for carlots and 20 cents in less than carlots while the third producer announcing a revision is now quoting 20.6 cents in tankcars, 21.6 cents in drums for carlots and 22.1 cents in less than carlots. The market generally shows a distinct slowdown with the recent heavy contraction of military orders, which has been accompanied by the offering of some surplus lots recently released by cancellations of war orders.

Naval Stores

A partway opening of the export outlet for FF wood rosin and the pale grades of gum rosin and a continued boilup of the primary market for gum turpentine have constituted the principal developments of interest in the naval stores industry within the past week.

Rosin—While producers of gum rosin and wood rosin in the South have continued to clamor futilely for a revocation or at least a notable easing of WPB's order M-387, under whose terms uses and inventories of these types of rosin are restricted and regulated, exporters of this commodity have obtained from the Foreign Economic Administration a small, but nonetheless important, outlet for the pale grades of gum rosin and the FF grade of wood rosin, which have latterly been accumulating heavily, among eager foreign consumers. FEA, which has until recently been prone to refuse virtually all applications for licenses to ship any and all kinds of rosin to consuming countries outside the United States, has now granted permission to make such export shipments of the above-mentioned grades of rosin under certain conditions which have to be met by the prospective shippers.

In an official announcement of its action in opening the export gate at least half way for these rosins, FEA notified the rosin export interests: "Due to scarcity of rosin, only applications accompanied by letter of commitment from a supplier possessing the material, giving date of delivery, can be considered for license. Only grades of rosin approved for export are FF wood rosin and grades 'N,' 'WG,' 'WW' and 'X' on gum rosins."

Savannah, Oct. 19.—Following is a record of the market for the week:—

	Price per unit—Low of range quoted				
	Mon.	Tues.	Wed.	Thurs.	Fri.
B	$6.00	$6.00	$6.00	$6.00	$6.00
D	6.07	6.07	6.07	6.07	6.07
E	6.60	6.60	6.60	6.60	6.60
F	6.70	6.70	6.70	6.70	6.70
G	6.74	6.74	6.74	6.74	6.74
H	6.76	6.76	6.76	6.76	6.76
I	6.76	6.76	6.76	6.76	6.76
K	6.80	6.80	6.80	6.80	6.80
M	6.82	6.82	6.82	6.82	6.82
N	6.98	6.98	6.98	6.98	6.98
WG	7.23	7.23	7.23	7.23	7.23
WW	7.50	7.50	7.50	7.50	7.50
X	7.50	7.50	7.50	7.50	7.50
	Drums				
Sales	82	...	85	...	36
Receipts	307	202	317	143	67
Shipments	...	...	143	...	109
Stocks	6,822	7,024	7,198	7,341	7,299

Turpentine—As the season for flush production of gum turpentine has now passed without more than a small percentage of the normal yield being obtained, the supply situation in this type of spirits is becoming tighter daily.

Another advance of a quarter-cent

SLC

Ultramarine Blue
Alkali Blue Toner
Dyestuffs
Methyl Violet Toners
Blanc Fixe
Iron Blues
Para Toners
Toluidine Toners
Lithol Toners
Red Lake C Toners
Permanent Orange Toners
Pyrotone Red Toners
Barium Products

STANDARD ULTRAMARINE CO
HUNTINGTON, WEST VIRGINIA

Shawnee
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Chrome Yellows
Zinc Chromate
Toluidine Reds
Para Reds Iron Blues
Cadmium Colors
Lake Colors
Zinc and Aluminum Stearate

KENTUCKY COLOR & CHEMICAL CO.
Incorporated
General Office and Works
LOUISVILLE, KENTUCKY
Offices and Agents in Principal Cities
Distillers of Coal Tar Products

per gallon has already occurred in the so-called official price, arrived at in trading on the Savannah Naval Stores Exchange, carrying it to a level of 80½c. there, or one mill above the CCC October parity price of 80.4c.

It is now generally believed that the Office of Price Administration will seriously consider imposing a ceiling on gum turpentine, if the official price goes much above 81c.

Savannah, Oct. 19.—Following is a record of the market for the week:—

	Bulk Gallons		Barrels		
	Cents.	Sales.	Receipts.	Shipments.	On hand.
Monday ..	80½	3,400	...	51	6,446
Tuesday ..	80½	...	25	334	6,137
Wednesday	80½	2,950	65	105	6,097
Thursday..	80½	...	73	229	5,871
Friday ...	80½	500	14	4	5,881

Synthetic Resins

Ester Gum—A steadily increasing production and mounting buying interest are noted for this synthetic resinous compound, with prices firmly maintained at the newly lifted ceilings for the gums made both with gum rosin and wood rosin. This markup of prices for both types of this gum, to an extent commensurate with the preceding heavy advances in the costs of gum rosin and wood rosin, has seemingly furnished the incentive for an enlivenment of the market.

Varnish Gums

Copal—Hope for a speedy easing of the taut supply situation in Congo copal here has evanesced this past week with the further tieup of shipping at the port of New York by the prolongation of the local freight handlers' strike which, although seemingly settled a week ago, has been kept alive until recently by the intervention of another union, with the result that even the latest of the cargoes of this gum arriving here are still on the ships that brought them to this port and presumably can not be unloaded and delivered to their purchasers for some time to come. Meanwhile, with three of the four ships plying between the Belgian Congo and this country tied up at their New York ports and with the fourth vessel in this service on the way here and due to arrive within the next day or two, stocks in the local market are reduced to meager proportions bordering on extinction.

Shellac—Despite the arrival of one small cargo of shellac at Baltimore, and the understanding that more is on the way here from Calcutta, the shortage of seedlac and T.N. is becoming more distressing daily. Nor is there much likelihood of substantial relief on these scores while the freight handlers' strike at New York harbor continues to make it difficult, if not impossible, to obtain possession of the lac reaching here and while offers of new crop shellac from India continue so marger. Further reflection of the shortage in seedlac and T. N. is perceived in the slowdown of bleaching operations, although this is also attributable, in part at least, to an unrelieved lack of sufficient labor at the bleacheries. Cutting operations are also being held down by the insufficiency of the allotment of denatured alcohol for this purpose.

Exports of shellac from Calcutta to all consuming countries for the first seven months of this year, compared with those for the corresponding periods of 1944 and 1943, are shown below:—

	Packages		
	1945	1944	1943
Orange	89,451	14,766	39,851
Garnet	6,475	3,525	2,038
Button	7,039	11,966	700
Stick	50	.....	.....
Seed	30,989	35,543	3,037
Other kinds.....	64	.....	.....
Totals	144,068	65,800	45,626

Glues and Binders

Casein—A partial letdown in buying interest on the part of plastic paint makers and paper coaters has brought about some easing of the local market for Argentine casein which, although still held in the country of its origin at 19c. per pound for the acid-precipitated type, f.o.b. Buenos Aires, is now being offered here at 22c. to 23½c. Naturally, the continuance of the freight handlers' strike at the port of New York this past week has militated against any further replenishment of local stocks with new importations. Domestic production is still light, with the output commanding ceiling prices. The long-term market outlook, however, is fairly bright, although there is not likely to be any notable amplification of the domestic production until the OPA ceilings are removed.

Glues—In spite of redoubled efforts on the part of manufacturers of both hide and processed bone glues to expand their production sufficiently to meet even the most pressing requirements of consumers in their entirety, the supply situation in these glues remains extremely tight. Lack of an adequate supply of gluestock of both foreign and domestic origin and an insufficiency of labor in their plants are still holding down the output in all types of glues to the point where the makers are forced to allocate it as best they may among their customers, even to the extent of scaling down the quantities applied for in the latter's current orders. Latest arrivals of raw materials have included 400 bags of glue bones.

Washington Talks It Over

—Continued from page 5

amounted to $528,000,000. A year ago the figures were $692,000.00 and $282,000,000. Since July 1, sales have exceeded redemption by a little more than $1,000,000,000; a year ago the excess was $2,600,000,000.

Official reasons for this condition are lacking. Most likely it is a reflection of the end of the war, the dismissal of thousands of workers, or perhaps it is a lagging of interest in accumulating this type of savings.

Another bond-selling campaign—the Victory Drive—and probably the last one of the war, will start around the end of this month.

Want Any Delouser

Says the RFC surplus disposaleer:—

We have over 1,500,000 ampuls (20 c.c. each) of methyl bromide, all done up in cotton netting, etc., etc., to be broken in a bag of louse-infested clothing. Breaking up the ampul releases the methyl bromide which promptly does a good job of delousing.

The fly in the ointment, or the black beetle among the lice, is what to do. The lot cost about $350,000—23 cents per ampul. The actual value of the chemical is about 1 cent per unit. This difference, plus the fact that you cannot collect the chemical in any practical way, makes it necessary to sell the stuff just for the purpose for which it was prepared. And I can't see any such outlet except, perhaps, for some of the stuff in the export market.

It's essentially my baby—and is it a headache!

Now just what *can* you do in a case like that? Sell 'em as pocket refrigerants for bottles of pop, or as fire-extinguishers for cigaret smokers?

Chemical Market

—Continued from page 5

am convinced that the long haul, also, looks far more favorable than most of us have expected. I am personally planning on the belief that most of the years ahead in agriculture not only can be but are likely to be good years.

I believe farming in the second half of the Twentieth Century will surpass the record of the fifty years past, in business efficiency, in profitableness, and in attractiveness of rural living.

Roland P. Sole, vice-president of the American Machine & Foundry Company, discussed rising wages and market research. Dr. J. Raymond Walsh, economist and political commentator and research director for the CIO political action committee discussed "Labor's View of the Economic Situation."

Following the dinner, Dr. E. W. Pehrson, chief of the economic and statistics branch of the Bureau of Mines, told the meeting about the postwar outlook for mineral supplies.

Ore & Chemical Bought By Bernard Armour

Bernard Armour, president of the Heyden Chemical Corporation, has individually purchased from the Alien Property Custodian the Ore & Chemical Corporation. The phosphate lands in Florida are under lease to corporation. Future plans for the plant of Ore & Chemical have not been determined as yet by Mr. Armour.

Continental Can Buys Crown Caps Firm

Continental Can Company, New York, has acquired the facilities of Bamberger-Kraus & Co., manufacturer crown caps, Pittsburgh, through its pany, Wilmington. The factory was leased and equipment purchased outright. Output of the plant is expected to be double by next year.

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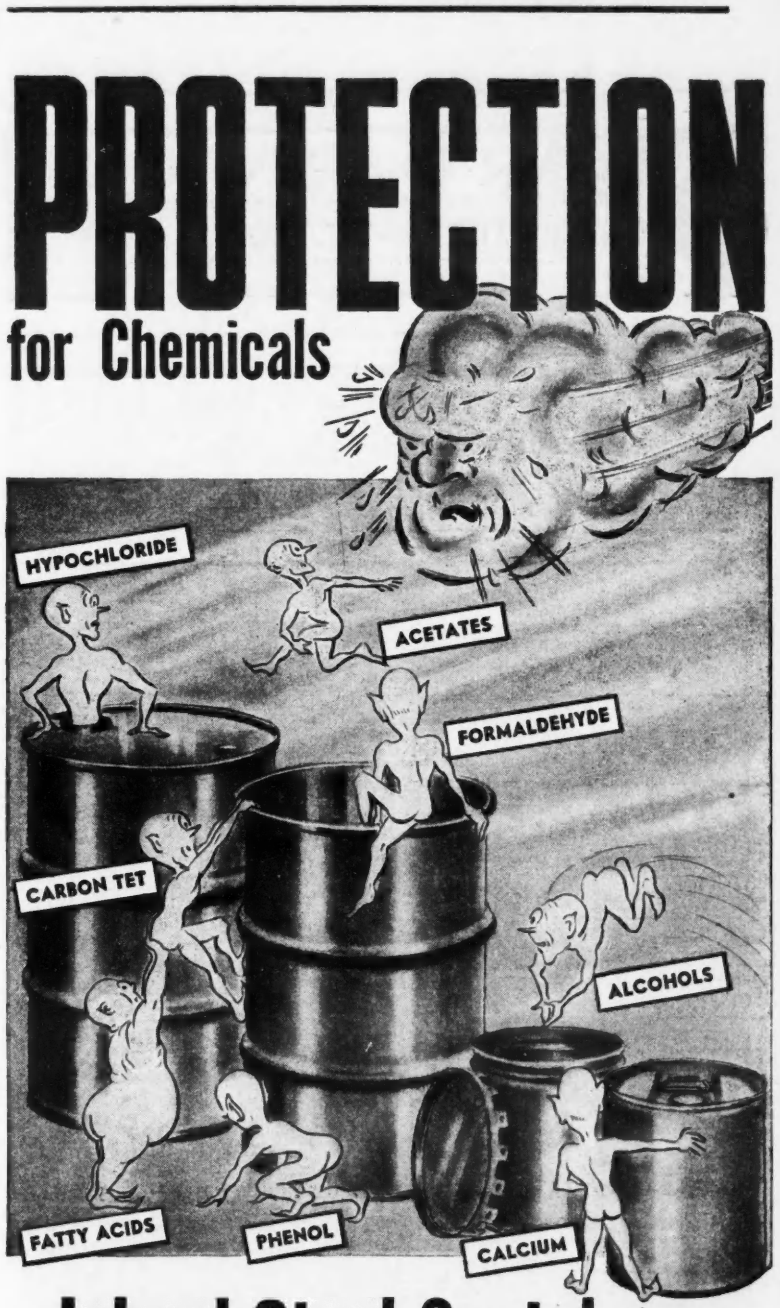
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PACKING PRODUCTS COMPANY
271 Church Street New York 13, N. Y.

Current Prices

—*Continued from page 31*

Xylol, 3°, ret. dms., works..gal. .47 - —
tanks, E. of Omaha, frt. alld. gal. .41 - —

Petroleum xylol prices, same as those for coaltar xylol.

Y

Yara yara, cryst., bots., cns..lb. 1.90 - 2.00
Yeast, brewer's, dry, 50 B units, dms..lb. .35 - —
90 B units, dms.....lb. .45 - —
200 B units, dms.....lb. .50 - —
500 B units, dms.....lb. .60 - —
Yellow, barium chromate, CP, bgs., l.c.l., dlvd. N. of Tenn. and N. C., E. of Miss. R., including Davenport, Minneapolis, Rock Island, St. Louis, St. Paul..lb. .32 - —

Barium chromate yellow price differentials in other State and city zones are those for chrome yellow below.

Benzidin, bbls., dlvd.....lb. 1.35 - 2.25
Cadmium, CP, bxs.....lb. 1.35 - 1.40
ton lots, E. of Rockies..lb. .58 - —
smaller lots, same basis, lb. .66 - —
Sulphide, orange, cs., kgs., works..lb. 1.10 Nom.
Chrome, CP, bbls., dlvd. N. of Tenn. and N. C., E. of Miss. R., includ. Davenport, Minneapolis, Rock Island, St. Louis, St. Paul, contracts..lb. .16 - —

Chrome yellow prices are ¼c. higher, dlvd. Ala., Fla., Ga., La. (Shreveport), 1¼c.; Miss., N. C., S. C., Tenn., Tex. (Dallas), 1¾c.; Ft. Worth, 1½c.; El Paso, 2c.; Cedar Rapids, Des Moines, Kansas City, Lincoln, Omaha, St. Joseph, 1.6c. higher dlvd. Pac. Coast; for Denver Pueblo, Salt Lake City, Wichita, prices are equalized with Chicago.

Dutch pink, bbls.....lb. .09 - .11
Hansa, bbls., same basis as chrome..lb. 1.37 - —
primrose, bbls., same basis..lb. 1.75 - —
Mercury oxide, bbls., 1,000 lbs. lb. 2.43 - —
smaller lots..... lb. 2.45 - —
Ocher, American, golden, bbls., works..lb. .04½- .06¼
yellow, bbls., works.....lb. .02 - .02¾
French type, bbls., c.l.....lb. .0845- —
l.c.l. .....lb. .0865- —
Oxide, iron, nat., bbls., c.l., Bethlehem, Easton, Pa..lb. .04½- —
l.c.l., same basis.....lb. .05 - —
synth., bbls., c.l., works..lb. .0685- —
l.c.l., works.....lb. .071 - —
Persian orange (see O).
Zinc, bbls., same basis as chrome..lb. .16 - —
Navy spec. type, bbls., contract..lb. .16 - —
Yellow dock root, bls.....lb. .35 - .36
Yellow xanthorrhiza (see Xanthorrhiza).
Yerba santa leaves, bls.....lb. .21 - .25
Yohimbine hydrochloride, vls..oz. 3.00 - 5.75

Z

Zein, bgs., 1,000 lbs., works...lb. .26 - —
smaller lots, works..... lb. .30 - —
Zinc acetate, tech., bbls., dlvd..lb. .16 - .17
USP, bbls.....lb. .26 - .27
kgs. .....lb. .29 - —
Arsenite,[1] bgs., c.l., frt. alld. E. of Rockies..lb. .11¾- .13½
l.c.l. same basis.....lb. .12¾- .13¾
Zinc borate, bgs., c.l.....lb. .12 - —
Carbonate, tech., rubber makers' grade, bbls., works..lb. .09¾- .10¾
USP, precip., powd., bbls..lb. .35 - —
dms. .....lb. .40 - —
kgs. .....lb. .37 - —
Chloride, tech., fused, dms., c.l., works..100 lbs. 5.00 - —
l.c.l., works.....100 lbs. 5.35 - —
gran., dms., c.l., works, 100 lbs. 5.75 - —
l.c.l., works.....100 lbs. 6.50 - —
solution, 50%, dms., c.l., works..lb. .0315- —
l.c.l., works.....lb. .04¼- .04½
tanks, works.....lb. .0250- —
USP, dms.....lb. .30 - .31
jars .....lb. .35 - .36
Chromate (see Yellow, zinc).
Cyanide, kgs., works.....lb. .33 - .37
Dust,[6] bbls., c.l., dlvd.....lb. .1035- —
l.c.l., works.....lb. .1135- —
Fluoride, bbls.....lb. .25 - .30
Hydrosulphite, dms., works..lb. .16 - —
Iodide, NF, bots.....lb. 4.68 - 4.75
jars .....lb. 4.40 - —
Laurate, bbls.....lb. .32 - .33
Metal,[1] (quotations in Protective Coatings market).
Naphthenate, 8%-10% Zn, dms. lb. .16 - .19¼
Oxide, pigment, dom., acicular, bgs., c.l., dlvd..lb. .07¼- —
l.c.l., dlvd.....lb. .07½- —
American process, com'l, lead-free, bgs., c.l., dlvd..lb. .07¼- —
l.c.l., dlvd.....lb. .07½- —
leaded, 50%, bgs., c.l., dlvd..lb. .07½- —
l.c.l., dlvd.....lb. .07¾- —
35% or more, bgs., c.l., dlvd..lb. .07 - —
l.c.l., dlvd.....lb. .07¼- —
French process, com'l, lead free, bgs., c.l., dlvd..lb. .07¼- —
l.c.l., dlvd.....lb. .07½- —
green seal, bgs., c.l., dlvd..lb. .09 - —
l.c.l., dlvd.....lb. .09¼- —
Zinc oxide, pig., dom., French process, red seal, bgs., c.l., dlvd..lb. .08½- —
l.c.l., dlvd.....lb. .08¾- —
white seal, bgs., c.l., dlvd..lb. .09½- —
l.c.l., dlvd.....lb. .09¾- —
USP, cts., c.l.....lb. .10½- —
l.c.l. .....lb. .10¾- —
Zinc oxide Pac. Coast prices ½c. higher; bbl. prices ½c. higher than bgs.
Resinate,[6] fused, 1% Zn, lump, dms..lb. .11 - .12
precipitated, 8.40% to 9% Zn, powd., dms..lb. .14½- .15
Silicofluoride, bbls.....lb. .15 - .16
Stearate, tech., cts., c.l., frt. equald..lb. .29 - —
smaller lots, same basis..lb. .30 - .31
USP (same prices as tech.).
Sulphate, cryst., bgs., c.l., works, frt. alld..100 lbs. 3.40 - —
l.c.l., same basis.....100 lbs 4.15 - —
flake, cgs., c.l., same basis, 100 lbs. 3.80 - —
l.c.l., same basis.....100 lbs. 4.55 - —
powd., bgs., c.l., same basis, 100 lbs. 5.35 - —
l.c.l., same basis.....100 lbs. 6.10 - —
Zinc sulphate, in bbls., 25c. higher.
Sulphide,[1,4] pure, bgs., c.l., dlvd..lb. .08¼- —
l.c.l., dlvd.....lb. .08½- —
bbls., c.l., dlvd.....lb. .08¼- —
l.c.l., dlvd.....lb. .08¾- —
Barium pigment,[1,4] bgs., c.l., dlvd..lb. .0560- —
l.c.l., dlvd.....lb. .0585- —
Calcium pigment,[1,4] bgs., c.l., dlvd..lb. .0560- —
l.c.l., dlvd.....lb .0585- —
Fluorescent pigment,[1,4] works, frt. ald..lb. .90 - 1.00
Magnesium pigment,fl.[4] bgs., c.l., dlvd..lb. .05¾- —
l.c.l., dlvd.....lb. .06 - —
Zinc sulphide and pigments, Pac. coast prices ¼c. higher; bbl. prices ¼c. higher than bgs.
Sulphocarbolate, NF, bbls., dms. lb. .29 - .31
Tallate, 5% Zn, dms.....lb. .09¾- —
Yellow (see Yellow, zinc).
Zinc-ammonia chloride, dms., c.l., works..100 lbs. 5.65 - —
l.c.l., works.....100 lbs. 6.70 - —
Zinc-cadmium sulphide, fluorescent, cns., works, frt. alld..lb. 2.00 - 2.60
Zinc-iron oxide pigment, bgs., c.l., dlvd..lb. .06 - —
l.c.l., dlvd. E. of Rockies, lb. .06¼- —
Pac. cst.....lb. .06¼- —
ex whse., Pac. cst.....lb. .07 - —
Zirconium hydride, cns., works, lb. 7.00 - 8.50
Nitrate, kgs., works.....lb. 3.00 - 4.00
Oxide, crude, 70-75%, grd., bbls., works..ton 75.00 -100.00
ex whse., Pac. cst....lb. .07 - —
white, 98%, grd., kgs., works lb. 1.80 - 2.00

Smith Color Names Sperber to Field Staff

Leo Sperber is now field representative in Metropolitan New York for Smith Chemical & Color Company, Brooklyn; manufacturer, exporter and importer of dry colors and chemical specialties, Brooklyn. Prior to his recent appointment, Mr. Sperber spent eight years in the office of this firm, having been connected with sales and traffic departments.

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Petroleum Derivatives

From a state of flux, into which it was plunged by the sudden ending of the war and the almost immediate termination or rapid tapering off of the hitherto pressing and titanic military requirements in its principal derivatives, the petroleum industry is fast being crystallized into the form which it will presumably retain in the peacetime era which it is now entering.

Its well-planned and orderly progress in this direction, which called for a commensurate curtailment of crude oil production and a speedy amplification of the output of its principal derivatives, with their diversion into civilian use channels on a large scale, was seriously interrupted, just as it was getting well under way, by widespread work stoppages at some of the wells and in many of its refineries and also in its overland transportation operations. But, with the recent peaceful resumption of virtually all its heretofore strike-ridden refining activities, under the temporary management of the U. S. Navy Department, this industry is once more going about the task of carrying out its policy of holding the crude petroleum yield of the American oilfields down to civilian needs while expanding and accelerating its outturn of liquid fuels, solvents, lubricants and other petroleum chemicals available for non-military usuage.

Despite the setbacks in the production of gasoline and fuel oil suffered by many of the biggest stills during the strike-closure period, it now appears probable that the refineries which were not affected by the work stoppages elsewhere and those wherein operations are again going forward at an accelerated pace will be able to provide adequately the gasoline, much of it materially upgraded, required by motorists and private aviators along the Atlantic seaboard and Midwest while also supplying light fuel oil for domestic use and heavy fuel oil for bunker and private industrial plant use in sufficient quantities to satisfy almost all, if not quite all, these civilian requirements.

Solvents and Diluents

Aromatic Solvents — Despite the withdrawal of one of the formerly largest petroleum products manufacturers from the processing and marketing of these high solvency aromatic naphthas, to devote its activities along these lines to the production of petroleum xylol and toluol, exclusively, thereby narrowing down the competitive field in these derivatives, there are still enough processors of these naphthas to keep consumers well supplied, with no difficulties encountered in procuring all of the basic materials needed in their manufacturing operations. With the waning of the military demand and the removal of all enduse restrictions on these solvents, buying interest on the part of civilian users has also tapered off, largely because of the many uncertainties still surrounding the paint industry.

Cleaners' Naphtha—Still moving in sizable volume into civilian consuming channels and to an only slightly lesser extent into military account.

Lacquer Diluent—In rather limited request from the protective coatings industry.

Mineral Spirit—Buying interest is holding up surprisingly well, in view of the reluctance manifested by consumers in some of the other divisions of the petroleum solvent market to stock up extensively until the labor situation clears up a little more.

Rubber Solvent—Although some of the manufacturers of synthetic rubber are still crippled by plant closures due to continued labor troubles, the buying movement among those still in the field is so extensive as to absorb virtually the entire output of this solvent.

Stoddard Solvent — Continues to move in fairly sizable quantities into civilian drycleaning channels and to only a slightly lesser extent into military account.

V. M. & P. Naphtha—Takings of the paint and varnish industry have waned of late, in view of the continuing uncertainties in the production and marketing situation in that industry over the immediate and nearby future.

Markets at Other Centers

Chicago, Oct. 19.—Trade in petroleum solvents and diluents in the Midwest is now along a somewhat more active basis than for some time past, with a little more material becoming available to some buyers. Rubber solvent is still subject to extensive interest.

Los Angeles, Oct. 19.—All the petroleum solvents and diluents, with the exception of rubber solvent, continue to move in fairly sizable volume into consuming channels on the Pacific coast.

Lighter Fractions

Butane—Continues in keen demand but somewhat limited supply, now that all restrictions on enduses have been removed.

Heptane—A steady but rather light movement is noted in this liquefied gas.

Hexane—Buying interest in this gas is still reaching fair proportions.

Octanes—In moderate but constantly lessening demand.

Pentanes—Civilian buying is fast compensating for the steady decline in military takings in this light hydrocarbon product.

Propane—Home-heating and cooking interests are endeavoring to procure their requirements in this liquefied petroleum gas, in competition with certain private industrial users and the manufacturers of synthetic rubber and high-octane gasoline.

Markets at Other Centers

Chicago, Oct. 19.—Business in the liquefied petroleum gases remains generally in a strong position in this area. Availability is still not all that representative buyers would like. Most of the buying is along routine lines, how-

Los Angeles, Oct. 19.—Demand for the lighter petroleum fractions has continued to outstrip supplies in this area within the past week. The market has been active throughout.

Petrolatums and Waxes

Microcrystalline Waxes—Since the removal of all allocation controls, these waxes have been moving even more spiritedly than theretofore under the leadership of the standard process types.

Paraffin—While the refined grades of this petroleum wax are in scanty supply and in some instances unobtainable, even crude scale is in none too plentiful offering. Meanwhile, the demand is exceedingly keen and leading manufacturers are being hard put to meet more than 60 percent of requirements.

Petrolatums—A fairly sizable movement continues to be noted in U.S.P., veterinarian and technical grades, with prices generally well maintained.

White Mineral Oils—In fair demand with all the manufacturers and most of the other suppliers holding prices firmly.

Fuels and Lubricants

Crude Petroleum—Although the Petroleum Administrator for War has not yet shown any inclination to suggest a reduction in the output of the American oilfields commensurate with the shrinkage of overall requirements in the derivatives of crude petroleum resulting from the heavy cutbacks and cancellations of military orders, producers of crude oil, themselves, have made notable curtailments in the outpouring of their wells within the past fortnight, with the recession in their outturn accelerated and intensified by the strikes of a vast horde of operatives in the oilfields as well as in the refineries.

At a time when new production of crude oil is no longer needed, the Office of Price Administration has offered new incentives for its output in an area where the price commanded by competitive pools in surrounding areas is so much higher as to warrent a lifting of the ceiling price. Thus, OPA has granted an increase of 94 cents per barrel, made retroactive to October 1, in the ceiling price at the well for crude oil from the Berea Sand, Meigs County, O., which has now been set at $2.25 per barrel, and an increase of 20 cents per barrel to $1.30 per barrel for natural gas condensate from the Waskom Field.

For Late Market Developments, See Page 4

Market Trends

Prices Advanced

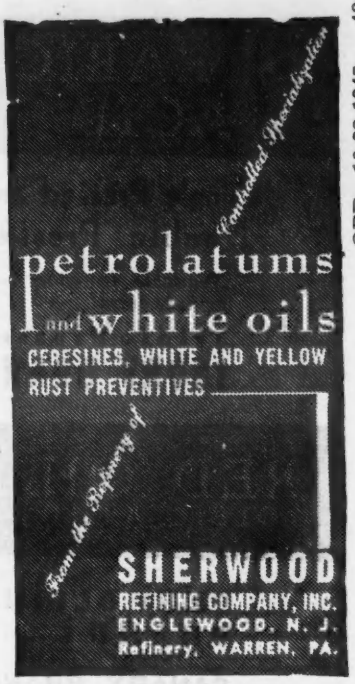
Crude petroleum, from Berea Sand field, Meigs County, O., 94c. per bbl.

Natural gas condensate, from Waskom field, Harrison County, Tex., 20c. per bbl.

Prices Reduced

None

For Current Prices see page 9.



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Oils, Fats, and Waxes

Trading in oils and fats showed some improvement during the week, following a moderate increase in offerings of crude cottonseed, peanut and soybean oils, which were were readily absorbed at ceilings. Refiners were bidding for crude cottonseed and peanut oils at ceilings for delivery during the entire season, but producers' acceptance was limited to immediate shipment and they turned down offers for nearby and future positions.

Interest in tung oil was pronounced and, with spot supplies cleaned up, trading in new-crop oil was active for November forward delivery. The scarcity in tung oil was reflected in the improved call for oiticica oil on the spot, and materially reduced stocks here. Supply situation in linseed oil continued acute and orders for the balance of the year and up to next June have been refused by crushers. Production of dehydrated castor oil was further curtailed by the stevedore strike, which held up the delivery of beans to the plants.

Allocations of fats and oils other than butter for the October-December quarter is 2,142,300,000 pounds, compared to 1,893,500,000 pounds for the third quarter this year and 2,632,400,000 pounds for the last quarter of 1944, it was announced by the Department of Agriculture.

Production of fats and oils in the United States this year is expected to total 9,500,000,000 pounds, compared with 10,800,000,000 pounds in 1944. Lower hog slaughter this year accounts for the major portion of the reduced production of edible fats and oils.

The fats and oils situation is expected to remain relatively tight. Some relief is probable after the turn of the year, when lard from an increased Fall production of hogs becomes available, and when supplies from the Pacific come in appreciable quantities.

Cottonseed Oil

Interest continued centered in the purchase of new crude oil, with refiners bidding at ceilings for requirements for the entire season. Trading, however, was limited to immediate delivery as offerings were unavailable for nearby and future delivery.

Oil consumption was indicated at 203,363 barrels in September, compared with 236,228 barrels in August and 189,832 barrels for September, 1944, according to the Bureau of Census. Visible supply of seed and oil was estimated at 946,100 barrels, against 820,600 barrels in August and 1,089,900 barrels in September last year.

Bleachable oil prices follow:—

	Cents per pound in tanks		
	High.	Low.	Close.
December	....	....	14.31 nom.
March	....	....	14.31 nom.
May	....	....	14.00 bid
July	....	....	13.75 bid
Sepetmber	....	....	13.25 bid
October	....	....	13.00 bid

Total sales, none.
Cash, 14.31c. nom.
Crude, Southeast, 12¾c.; Valley, 12⅝c.; Texas, 12½c., f.o.b. works (all ceiling prices).

Memphis, Oct. 18.—Weather improved and seed moving more freely. Trading in cottonseed oil and meal slightly better. Urgent demand increasing. Offerings still limited.

Linseed Oil

Scarcity of oil continued to affect trading during the week. Producers were not offering for the balance of the year or for January forward delivery. Activity was limited to making deliveries against former contracts and in some instances delays ere reported owing to scantiness of supplies.

Minneapolis, Oct. 17.—Bookings of oil were extremely heavy and new business was scant during the week as crushers refused to make any more firm commitments against future flax arrivals.

Shipments of linseed oil, in pounds, were as follows:—

	1945-46	1944-45
This week	8,260,000	6,360,000
Since Sept. 1	48,100,000	53,040,000

Flaxseed—Crushers seeking seed for all positions. Offerings continued light.

Minneapolis, Minn., Oct. 17.—Movement of flaxseed to markets was at a good rate last week, far in excess of last year's movement, but still under requirements. Eastern crushers were particularly anxious to obtain supplies before closing of navigation on the Great Lakes, but found offerings limited.

Crop movement in bushels follows:—

	Receipts 1945-46	Receipts 1944-45	Shipments 1945-46	Shipments 1944-45
This wk.	1,708,500	757,000	129,000	56,000
Since Sept. 1	11,956,500	6,835,000	1,448,000	906,000

Flaxseed markets in Minneapolis and Duluth during the week were unchanged at $3.10 (ceiling) per bushels for spot and futures.

Buenos Aires, Oct. 18.—Flaxseed shipments to United States were 295,000 bushels during the week and 370,000 bushels to Continent, and 252,000 bushels to orders for the week previous. Visible supply of seed was estimated at 3,150,000 bushels. Seed was quoted at $1.66 per bushel, f.o.b steamer.

Hull, Oct. 18.—Bombay, £35¾, December-February; Calcutta, £34, December-February; La Plata not quoted.

Other Vegetable Oils

Castor Dehydrated—Production was further curtailed by the stevedore strike, which held up the delivery of beans from Brazil. Demand was keen, and with supplies scarce the situation has become tighter.

Copra—Some 10,000 tons of copra from the Philippines were due to arrive shortly at the Pacific coast according to authoritative sources.

Oiticica—Buying interest increased, and trading was fairly active. Supplies on the spot were further reduced and were well held at former levels. Offerings for shipment from Brazil were scarce, with European buyers taking sizable quantities. Imports totaled 510 drums and were delivered against former orders.

Olive Foots—OPA announced a price ceiling of 17c. per pound, in tankcars, for domestic, f.o.b. plant, and imported, f.o.b. port of entry, effective October 22. An addition of 1c. per pound is permitted for sales in non-returnable drums.

Peanut—Trading improved and some crushers sold as far ahead as January. However, the demand continues to exceed current production.

Soybean—Increased activity was noted in trading and a good volume of business was booked in crude for future delivery at the ceiling.

Tall—Steady demand absorbed moderate quantities for prompt and nearby delivery at ceiling. Inquiry for next year needs also was active.

Tung—Supplies for immediate delivery have been cleaned up and resulted in increased demand for new crop oil. Sales were reported at ceilings for November forward and offerings were limited to December forward delivery.

Fats and Greases

Grease—Scarcity of supplies continued to curtail business. Trading was spotty with light offerings taken at ceilings.

Lard—Moderate sales were noted, with demand still exceeding the supply. Market was firm at ceilings. Lard stocks in Chicago were indicated at 5,847,186 pounds. Lard stocks in Chicago were indicated at 5,847,186 pounds on October 15 against 6,568,680 pounds on October 1 and 25,325,798 pounds on October 15, last year. Stocks of lard and rendered pork fat in the United States were placed at 58,945,000 pounds, October 1, compared with 68,989,000 pounds September 1 and 68,251,000 pounds, October 1, 1944. The 5-year average was 175,879,000 pounds for October 1.

Tallow—Supplies continued inadequate to cover steady demand. Production was sold up with light sales going through at ceilings.

Market Trends

Prices Advanced
None

Prices Reduced
None

Comparative Price Indexes
(100=August 1, 1914)

Last week.	Prev. week.	Last month.	Last year.
193.3	193.3	193. 3	191.7

For Current Prices see page 9.

For Late Market Developments, See Page 4

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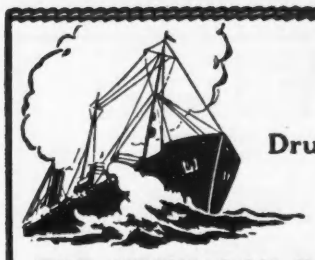

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Fish Oils

Menhaden—Demand for crude and and refined oils continued brisk, but trading was slow owing to the scarcity of stocks. Refiners were bidding for crude at ceilings, with producers not offering. Deliveries of refined grades against former contracts were affected by scanty supplies.

Baltimore, Oct. 17.—Fishing fleets off the Atlantic Coast were still operating though catches were not large. Some producers were reported to have been unable to cover contracts for crude oil up to the present time. Bids at ceilings received little interest.

Sardine—An active inquiry continued for both crude and refined oils, but trading was quiet, because of the scarcity of materials. Crude was bid at ceilings, with no sellers. Market was strong at ceilings.

Los Angeles, October 17.—Short supplies continued to limit trading. Demand was good. California Sardine Products Institute reported 165,592 tons of sardines landed to October 6, as compared with 153,994 tons, a year ago.

Fatty Acids

Red Oil—Brisk demand was not satisfied. Production was sold well ahead and makers were not in a position to offer. Market was firm at ceilings.

Stearic Acid—Production sold up and makers unable to accept additional new business. Demand continued keen. Prices unchanged and well maintained at ceilings.

Cake and Meal

Cottonseed Meal—Demand brisk with trading quiet, owing to scarcity of offerings. Reports from Georgia state it is unlikely that any large volume of business will move through normal channels for several months.

Linseed Meal—Crushers moving meal as fast as produced against former contracts. Production sold well ahead.

Minneapolis, Oct. 17.—Shortage of boxcars delayed movement of soybeans and increased the buying pressure for linseed meal. Crushers were shipping every pound possible, against contracts.

Shipments of linseed meal, in pounds, were as follows:—

	1945-46	1944-45
This week	12,360,000	9,300,000
Since Sept. 1	75,620,000	70,564,000

Peanut Meal—Several cars moved last week from Alabama mills. Most of the October-November production will be required to fill local demand and prior commitments.

Soybean Meal—Many southeastern crushers have accepted the CCC soya contract and are endeavoring to acquire the beans. The feed trade will readily absorb all meal offerings at the ceiling for shipment through next May. It is doubtful whether mills will be in position to start crushing before December.

Waxes

Beeswax—Consuming inquiry was active, trading, however, was slow because of the scarcity of offerings from primary markets.

Carnauba—Arrivals were reported at 800 bags for consignment against previous orders. Market was dull, owing to the lack of offerings from Brazil. Sellers were holding shipments at above import ceiling and recently considerable quantities have been sold to foreign buyers at higher levels than our ceilings.

Ouricury—Receipts were light and totaled 177 bags for delivery on former orders. Trading continued dull. Shipments from Brazil were maintained well above import ceilings which prevented trading. Consuming inquiry was excellent.

N.Y. Oil Trades to Dine

Annual dinner of the Oil Trades Association of New York will be held in the Waldorf-Astoria, November 8. The reception will start at 7 p.m. and dinner at 8 p.m. Reservations are in charge of Joseph C. Smith, secretary, 15 Moore street, New York.

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Textile and Leather Chemicals

Tight supply situation in corn dextrin and starch continued to dominate the sizing materials market during the week. The shortage of available corn stocks showed no improvement and the situation was not expected to improve until some time next month when new-crop corn begins to move. The curtailed production has worked hardship in some consuming lines and processors have been doling out supplies in an endeavor to keep some plants from closing. The output of potato starch continued to increase during the week and a brisk demand absorbed supplies as fast as produced. It was estimated that from 800 to 900 tons weekly were moving to consumers plants, and orders were in the market for delivery to next Spring and Summer. Deliveries of arrivals of tapioca flour at New York from Brazil were held up by dock strikes and steamers were diverted to Philadelphia and Baltimore for unloading. Supplies in Brazil were reported low, as the greater part of crop has been cleaned up. Offerings of limited quantities for shipment were held above import ceilings.

Tanners showed little interest in replacements and were operating on liberal inventories. Substantial improvement in trading was not expected until after the turn of the year. Advices from foreign producing centers indicated steady markets with European and other foreign buyers absorbing supplies and preventing surpluses from easing prevailing quotations. Reports from Africa stated that production of wattle bark and extract was shorter than anticipated because of the drought last Summer.

Market Trends

Prices Advanced

None

Prices Reduced

None

Comparative Price Indexes

(100=August 1, 1914)

Last week.	Prev. week.	Last month.	Last year.
300.5	300.5	298.0	276.4

For Current Prices see page 9.

Chemicals

Alumina Acetate—Demand moderate and mainly for immediate needs. Prices unchanged and steady.

Bichromates—Firm conditions featured this market. Demand continued keen and exceeded the supply. Producers limited the bulk of business to monthly requirements. Prices were strong at ceilings. While export demand was keen, business was light owing to scarcity of supplies and license restrictions.

Potash Prussiate—Sizable quantities were absorbed against orders, and demand for prompt and nearby delivery also was reported in good volume. Prices were firm and unchanged.

Sulphonated Oils — Consuming demand keeping up in good volume. Market firm. Supplies were scarce owing to tight supply conditions in castor oil and tallow.

Zinc Dust — While trading was spotty, the market ruled steady at former levels.

Dyestuffs

Annatto—Revocation of price controls by OPA, effective October 16, had little effect on current quotations. Trading continued spasmodic and mainly for actual needs.

Cochineal—High cost of replacements continued to keep spot market firm at current levels. OPA lifted price controls, effective October 16.

Madder — Trading was inactive. Light supplies were unchanged and well held.

Sizing Materials

Albumen Egg—Consumers were absorbing fair sized lots at current ceilings. Supplies were not liberal and about covered prevailing demand. Production was still restricted and receipts were spotty. Market continued strong.

Dextrin Corn—Active demand for delivery against contracts was not met by producers because of the low production. No improvement was noted in the tight corn supply which continued to affect the output. Market was firm and prices unchanged.

Egg Yolk—Trading was light and spasmodic owing to limited stocks. Demand was moderate and exceeded supplies. Prices were maintained at ceilings.

Starch Corn—Supply situation continued critical owing to the lack of improvement in corn receipts. Some processors were grinding wheat in the absence of corn. Active demand for starch against orders continued unsatisfied. Quotations were strong and unchanged. Visible supply of corn declined 250,000 bushels for the week ended October 13 to 4,670,000 bushels, compared with 6,785,000 bushels at this time last year. The corn grind of eleven refineries for domestic use totaled 7,516,296 bushels during the month of September against 6,840,325 bushels in August and 8,797,169 bushels in September, 1944. Shipments of corn starch totaled 10,623,050 pounds during July and 78,517,152 pounds from January 1 to July 31 under lend-lease, and purchases of 1,354,343 pounds at the cost of $50,148 during the month of August, according to the Department of Agriculture.

Starch Potato — Increased production was readily taken by consumers, and a large volume of business was reported for prompt and forward delivery. Supplies were absorbed as fast as available and shipments were estimated from 800 to 900 tons weekly. An active interest was noted for additional commitments during the week. The output in Maine was said to be backward because of light potato receipts thus far at the mills, while the production in Idaho is in full swing.

Tapioca Flour — Arrivals at New York were reported at 16,780 bags during the week from Brazil, and sizable lots were reported aboard steamers lying in port because of the dock strike. Several steamers were diverted to Philadelphia and Baltimore for unloading. These supplies were to be consigned against former contracts. Reports from Brazil stated that the bulk of the crop has been disposed of and light offerings were held above import ceilings.

Tanning Materials

Chestnut Extract—Trading was moderate with a good volume moving into consumption against former orders. Inquiry for export was active, but business was restricted owing to the inability to obtain licenses. Prices were strong at ceilings.

Divi-Divi—Buying interest was reported dull during the week. Although trading was slow, the market was steady and unchanged. Offerings for shipment were not liberal and held at former levels. Arrivals totaled 1,700 bags for delivery on former orders.

Mangrove Bark—This market was quiet, but prices were well maintained. Shipments were not attracting tanners, but offerings from primary centers were light.

Myrobalans—Owing to large stocks in tanners' hands, business was inactive. European buyers were reported in the market and were said to have absorbed sizable quantities of late. Prices were unchanged. Imports were reported at 1,670 bags, consigned against prior contracts.

Quebracho Extract—Conditions in this market were firm, reflecting the strength at primary points, owing to high production costs. Recent heavy arrivals have replenished inventories and trading has slackened for prompt shipment. Prices were strong at ceilings.

Wattle Bark—Advices from Africa indicated a shorter crop during this season than was anticipated owing to the drought last summer. Market was firm at ceilings. Offerings for shipment were light and well maintained at current levels. Imports of 150 tons of bark were reported at Baltimore for delivery on prior contracts. The delivery of quantities of bark and extra extract which arrived at New York was held up by the dock strike.

For Late Market Developments, See Page 4

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FINE CHEMICALS

Drugs and Fine Chemicals

Native rebellions by armed forces in the Netherlands East Indies and longshoremen on strike in New York harbor, plus a glycerin situation that pinched some refiners' prices to ceiling limits, and a rise in castor bean prices in Brazil without much business being possible—these were events that made a vivid drug and fine chemical market last week. Continued advance in quicksilver prices, a reduction in menthol quotations, and an Office of Price Administration order permitting a 2c. rise in the basic price of industrial ethyl alcohol heightened the color of the market.

At home, the strike tied up all shipping. Export business stopped and imports were impossible because ships could be neither loaded nor unloaded in this harbor. Incoming ships were diverted to other parts, and ships already in port departed for such discharge ports as Baltimore, Boston, and Montreal. Net result—delay in diverted to other ports, and ships. The strikers returned to work Friday.

Abroad, in Java, Indonesians with machine guns and hand grenades endeavored to force their will and the fighting boded ill for an early resumption of quinine and cinchona exports to the United States. The political strife hits directly at the quinine and cinchona production areas. Resumption of exports which the whole world needs awaits political reforms the least of which may be the achievement of Dominion status for the N.E.I., a status offered to but rejected by the Indonesians who demand full divorcement from Amsterdam.

Most glycerin refiners held unchanged prices. One has to pay ceiling prices for crude and has been forced to advance refined material to ceiling limits. The prices of the two groups are separated by 1c. per pound. The scarcity is caused in part by the declining production of soap—and, consequently, of crude glycerin—but, in much larger measure by expanding consumption of glycerin by the protective coating industry.

The 2c. rise in alcohol prices was ordered to reduce Reconstruction Finance Corporation trading losses on sales of imported molasses for alcohol production. It applied only on alcohol made East of the Rocky Mountains. Decreasing supplies of quicksilver kept its price advancing and eliminated immediate expectations for lower prices on mercurials. Competition caused menthol prices to turn downward just when cables from Brazil reported a firmer market. The world market seems to be topheavy with the material for which price stabilization is much needed.

Acid, Citric—A larger number of civilian consumers are getting more citric acid than had been their lot during the period of close control of production and diversion of output mainly to requirements stemming from the military forces. A gradual improvement in the availability of goods is a reasonable expectation.

Acid, Tartaric—Resellers in the open market continued to get price premiums over the quotations named by the domestic producers. Producers' supplies continued moderate in size and subject to the difficulties encountered in attempts to increase the amount of raw materials available for manufacturing purposes. Reports of imports last week failed to include any tartaric raw materials.

Alcohol—According to amendment No. 13 to Maximum Price Regulation No. 28, having to do with ethyl alcohol produced east of the Rocky Mountains, manufacturers' price ceilings were increased 2c. per gallon on industrial ethyl alcohol made from molasses.

The Office of Price Administration declared that the increase, which was effective October 19, lifts the base ceiling to 50c. per gallon and the action was taken to enable the Reconstruction Finance Corporation to reduce to minor proportions a trading loss it has been experiencing on sales of imported molasses for alcohol manufacturers.

Market Trends

Prices Advanced

Alcohol, industrial, 2c. per gal.
Castor beans, $4 per long ton.
Quicksilver, $5 per flask.

Prices Reduced

Menthol, 25c. per lb.

Comparative Price Indexes

(100=August 1, 1914)

Last week.	Prev. week.	Last month.	Last year.
205.0	205.8	204.1	235.7

For Current Prices see page 9.

RFC has been the exclusive source of such molasses supplies.

The increase in ceiling prices will be largely absorbed by the manufacturers of solvents, industrial chemicals, pharmaceuticals, drugs, cosmetics and other items whose ceilings were not changed by the amendment indicated above. The new ceilings will apply also to resales by manufacturers east of the Rockies of any industrial ethyl alcohol bought from the Office of Defense Supplies.

OPA exempted from price control all industrial ethyl alcohol and high wines made in the United States from grain after September 30, when sold by the manufacturers to the RFC. Previously, such sales had ceilings determined by a cost-plus formula. The drop in these alcohol requirements from wartime levels has made the formula no longer required. This exemption applies only to sales to RFC and does not apply to sales to civilian buyers.

Argols—It is not going to be an easy task soon to secure ample shipments of argols from all sources to the United States. Reports suggest that there is a deal of competition between manufacturing consumers of many countries to buy the limited quantity of tartar product raw materials. Absence of price ceilings on derived products made in many countries permits the buyers there to pay prices higher than the United States manufacturing consumers of raw material who must sell such derived products within the limitations of price controls.

However, a main problem abroad seems to be how best and quickest to increase the quantities of argols, wine lees, and calcium tartrate to be available for export. To meet the problem means to restore vineyard output and wine production, both of which dwindles during the war.

Caffeine—Further arrivals of anhydrous material totaled 40 barrels from Brazil last week. The general market situation remains unchanged as to general supply and price.

Castor Oil—Shipment prices have been advanced to $86 to $87 per long ton, f.o.b. Brazilian ports, and although there has been practically no trading on the advance, agents here believed that it would not be possible to secure much material at the quoted levels. Arrivals of beans here last week totaled 1,613,390 pounds, bringing the total arrived since January 1 to 215,083,190 pounds. This total compares with 223,613,390 pounds imported during the corresponding period of a year ago.

Chicago, Oct. 17.—Castor oil is in good call. Tone of the market at large is holding up well. Supplies are not overly large in relation to demand. Prices are:—Cold pressed, U.S.P., returnable drums, carlots, 13¾c. per pound; drums, less than carlots, 14½c.; tanks, 13c.; No. 3, extracted, returnable drums, carlots, 13½c. per pound; drums, less than carlots, 14c.; tanks, 12¾c.

Codliver Oil—Further arrivals from Iceland were noted last week, the total being 645 drums. Of this quantity, 385 drums went direct to manufacturing consumers. The local market remained unchanged in price and seemed to be fairly well stocked with goods for delivery against new orders. The supplies of oil testing in excess of U.S.P. requirements, however, remain light.

Fishliver Oils—Purchases made in August by the Production and Marketing Division of the United States Department of Agriculture totaled 784,908 million units of vitamin A oils. Most local reports confirm the view that offerings remain conservative and limit the actual amount of business being done.

San Francisco, Oct. 17.—Market for fishliver oils was quiet. Very little trad-

For Late Market Developments, See Page 4

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ing was reported because of lack of offerings.

Glycerin — The price situation in glycerin is rather mixed. Some refiners who do not recover any crude glycerin but purchase crude in the open market have to pay ceiling limits on soaplye and saponification to get raw material for refining. In turn, they are quoting ceiling prices on chemically pure material—which would be 18c. per pound in tanks, 18¼c. for drums in carlots, and 18¾c. for less than carlot quantities in drums. Most refiners who do recover crude retain 17c. as their price for tankcar lots, as well as the usual differentials in drums. Still others are quoting c.p., dynamite, and high gravity glycerin on the same basis of price instead of the more common price differentials between those three grades.

The difficulties buyers experience in placing new orders indicates a shortage in available material. To a considerable extent, this shortage is caused by the high volume consumption of glycerin by the protective coatings industry, demand for whose products is mounting as automotive, refrigerator, radio, and other consuming industries reconstruct their economy on a peacetime basis.

Chicago, Oct. 17.—Tone of the market for glycerin is generally firm and active. Buyers are taking considerable amounts. Offerings are fairly substantial, with a general balance indicated. Prices are:—Chemically pure, 17c. per pound, tankcar; 17¼c., drums, carlots; 17¾c., drums, less than carlots; high gravity, 16¾c. per pound, tankcar; 17c., drums, carlots; 17½c., drums, less than carlots.

Menthol—Eagerness to get more money for an article actually subject to price depressing influences has led to some attempt locally to get the market up to $4.50 per pound. However, late last week goods were actually bought on spot at $4 to $4.25 per pound—which minimum price was also prevailing for racemic USP synthetic menthol on spot. Visiting factors from Brazil said last week that they hope eventually to secure a stable market there even though it might be stabilized at levels somewhat under those now prevailing. Cables received also late in the week reported a firmer tone there. One active factor at the source has withdrawn 10,000 pounds from the market, intending to stay aloof until price stabilization may permit him to secure better prices than are now in sight. There seems to be plenty of menthol in all markets. During the week, 238 cases arrived from Santos, Brazil.

Milk Powder—Purchases for lend-lease in August and made by the USDA totaled 15,384,306 pounds of roller process. Also, 9,877,960 pounds of whole milk powder.

Quinine — Indonesian extremists in Java contributed new elements to the political unrest affecting the heart of the cinchona plantations, which in turn delayed resumption of quinine activities in a way likely to lead to the reestablishment of exports to the United States. The political upheavals last week were particularly vicious at Depok, about twenty miles from Batavia, and at Semarang in the north central area of the island. As yet, the name Bandoeng, center of cinchona and quinine activities, has not appeared in despatches.

Quicksilver—The market continued to advance, reaching the level of $100 to $105 per flask last week. Unsold stocks on this market were relatively small and holders thereof took a much stronger view on the situation.

San Francisco, Oct. 18.—Quicksilver trading was slow and little spot metal moved. Prices range $90 to $95 per flask.

Riboflavin—Lend-lease purchases in

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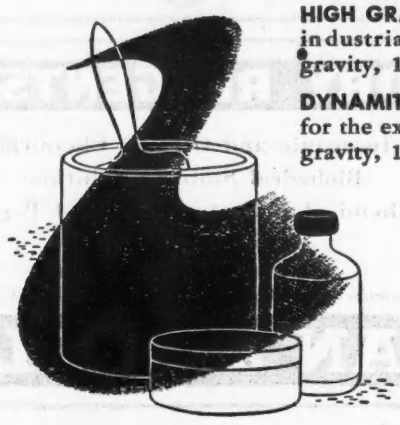

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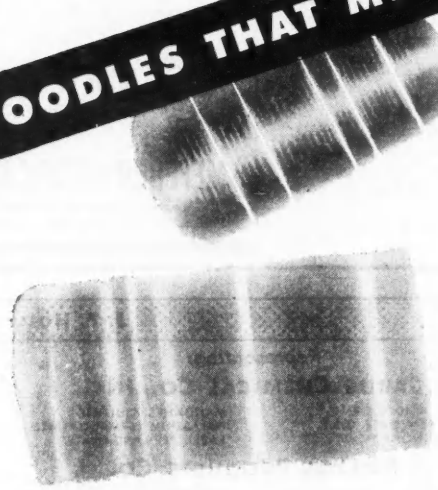

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August totaled 1,322,000 grams of this material.

Thiamine Hydrochloride—Purchases in August for lend-lease account totaled 2,183 kilos.

Yeast—In the month of August, 16,200 pounds of active, dry yeast were purchased for lend-lease purposes by the Department of Agriculture.

Carnauba Wax

—Continued from page 4

chairman, International Supply, War Production Board, Washington 25, D. C.

Little Relief Seen

O. H. Barnett, long identified with the carnauba wax industry, predicted that very little relief could be expected through government action. He indicated that he believed it impossible that any considerable quantity of carnauba wax could be purchased in Brazil at ceiling prices, and also forecast that if OPA ceiling prices are removed, quotations will advance — perhaps as much as ten cents per pound.

Following a general floor discussion, a motion was passed to empower the chairman of the meeting to appoint a committee of five members to contact government officials and ask for the removal of the OPA price ceilings on carnauba wax without further delay. It was suggested that this committee, while in Washington, contact Mr. Bowles to determine what arrangements are being made to make available generally to the industry the excess inventories of carnauba wax, that Mr. Bowles indicated that some users have admittedly imported. It was suggested, also, that the committee contact the WPB and suggest that specific maximum controls be placed upon carnauba wax inventories under WPB order PR-32. The committee named by Mr. Green will consist of the following:—

Melvin Fuld, of Fuld Brothers; J. P. Scully, of R. M. Hollingshead Corporation; Fred Newall, of Wilbert Products Company, Inc., and C. E. Smith, of Socony Vacuum Oil Company. After the committee has made its trip to Washington, it was recommended that another general meeting of floor wax manufacturers be called to consider its report and possible recommendations.

Koster Keunen, Inc., Reports On Holland Company

Koster Keunen, Inc., wax manufacturer, Sayville, L. I., reports that the parent company, B. Koster Keunen, Eindhaven, Holland, has resumed manufacturing beeswax and candles. The company's plant had been closed down during the German occupation of the country.

Pickard with Robinson, Wagner

Lieut. Joseph C. Pickard has joined the sales staff of the Robinson, Wagner Company, manufacturer of lanolin and its derivatives, New York. He will specialize in sales development in connection with a series of new emulsifiers and surface active agents developed by the company during the war.

George Barksy Back

Commander George Barksy, USNR, after more than three years of active duty as an engineer specialist with the U. S. Navy, has returned to consulting practice with Barksy & Strauss, Inc., consulting chemists and engineers, New York.

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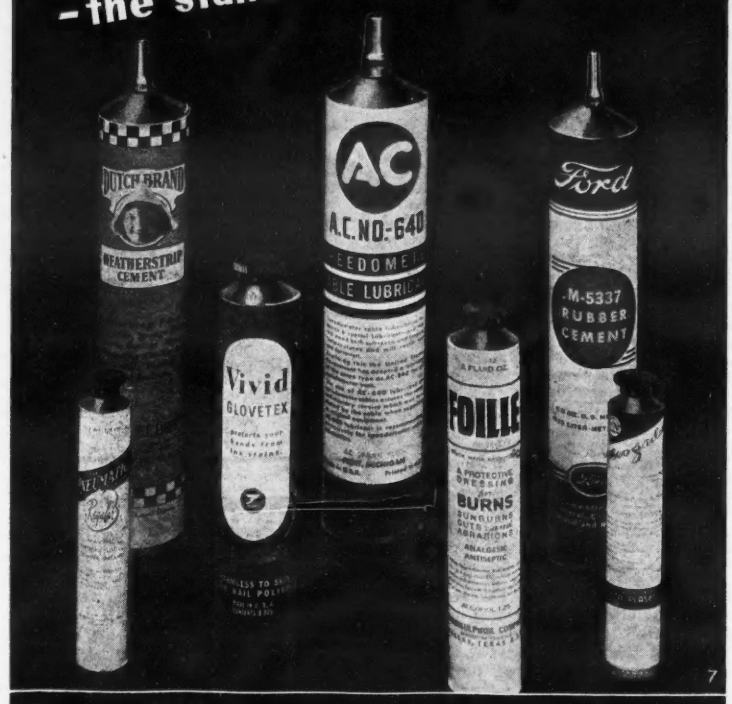

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CPA Setup

—*Continued from page 3*

only with protecting the economy against undue drains by export, but also with seeing to it that we fulfill our export obligations to other countries. This bureau will also manage those controls on imports which are retained, and will contain, temporarily at least, the Combined Boards. Mr. Turner is a professor of economics at Wayne University and came to Washington in 1941 as an export analyst with the Office of Production Management. Joining the foreign division of WPB early in 1942, he became first chief of the bureau in that division and then deputy director and now its director.

Bureau of Field Operations, Clarence A. Woodruff, director, will control remaining operations in the field and regional offices. Mr. Woodruff was formerly president and general manager of Andover-Kent, Inc., Middletown, Conn. He came to Washington in 1941 as chief of the section on contract distribution in the Office of Production Management and in May, 1942, went to Boston as chief engineer in charge of production for that region. In 1943 he became chairman of the area production urgency committee for central Connecticut and in June, 1945, returned to Washington as deputy vice-chairman and later chairman for field operations.

Bureau of Demobilization, G. Lyle Belsley, director, will take over those functions that are going to be demobilized or transferred. This bureau will also handle CPA personnel records and, contacts with the Bureau of the Budget. Mr. Belsley was formerly director of the Civil Service Assembly of the United States and Canada. He joined the staff of the Office of Emergency Management in 1940, went to the Office of Production Management in 1941, became executive secretary of WPB in March, 1942.

J. D. Small, CPA administrator, in announcing the set-up of his organization, said that the job of the new agency will be the furthering of a swift, orderly transition from wartime industrial production to a maximum peacetime production, free from wartime controls, and with due regard for the stabilization of prices and costs.

Controls to Continue

Mr. Small said that industry understands that, in some lines, there still exists an extreme shortage of materials, and he is counting on industry to spread these materials so as to insure maximum production and maximum employment by buying only its minimum requirements and by not purchasing more than those minimum needs.

During the transition period inventory and distribution controls can and will be tightened if and when it is found necessary, he declared, adding:—

Many of the wartime controls exercised by WPB have already been lifted. So far as we now know, none has been lifted too quickly. Relatively few such controls still remain in force. But those that remain are sufficient to protect rapid and orderly reconversion.

Each control or order will be lifted as soon as the supply situation eases. The policy of the Civilian Production Administration will continue to be the same as the policy of WPB—that is, to lift controls as soon as it can be safely done. All WPB regulations, directives, orders, or delegations of authority outstanding on November 3 when the Civilian Production Administration takes over will continue in full force and effect as instruments of the Civilian Production Administration until they are revoked or amended by the new office.

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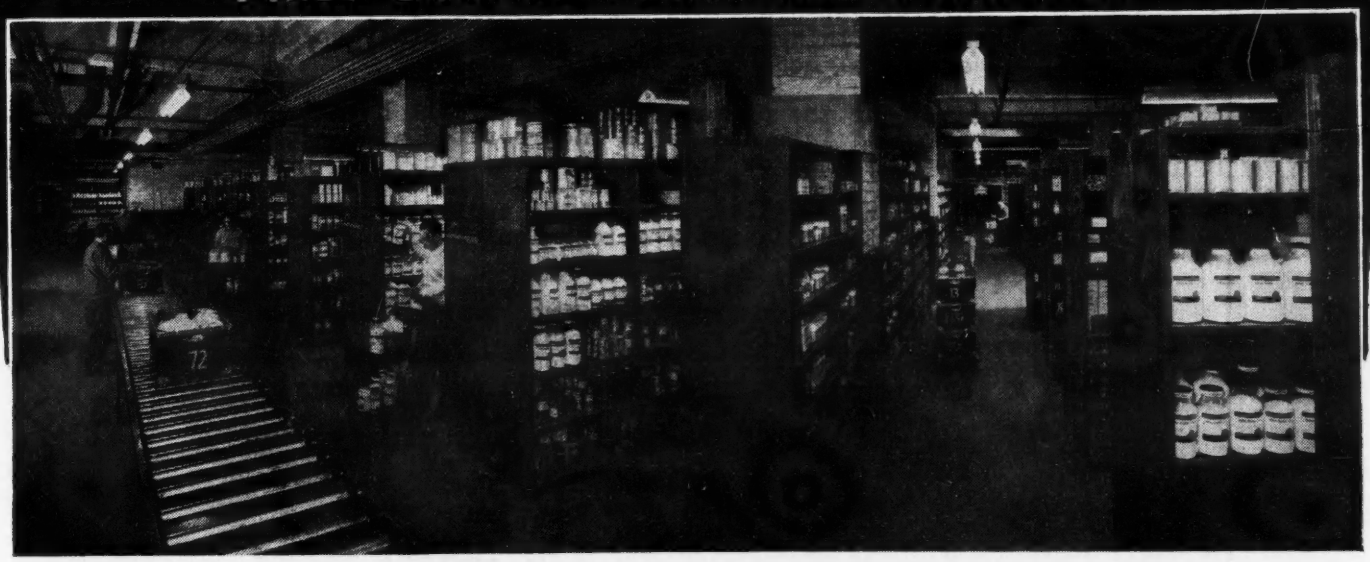

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In addition to the large and comprehensive stocks of chemicals on hand for prompt delivery, Eimer and Amend operates chemical laboratories in New York and a chemical manufacturing plant at Edgewater, N. J., where special preparations are made to specifications or to special formulae.

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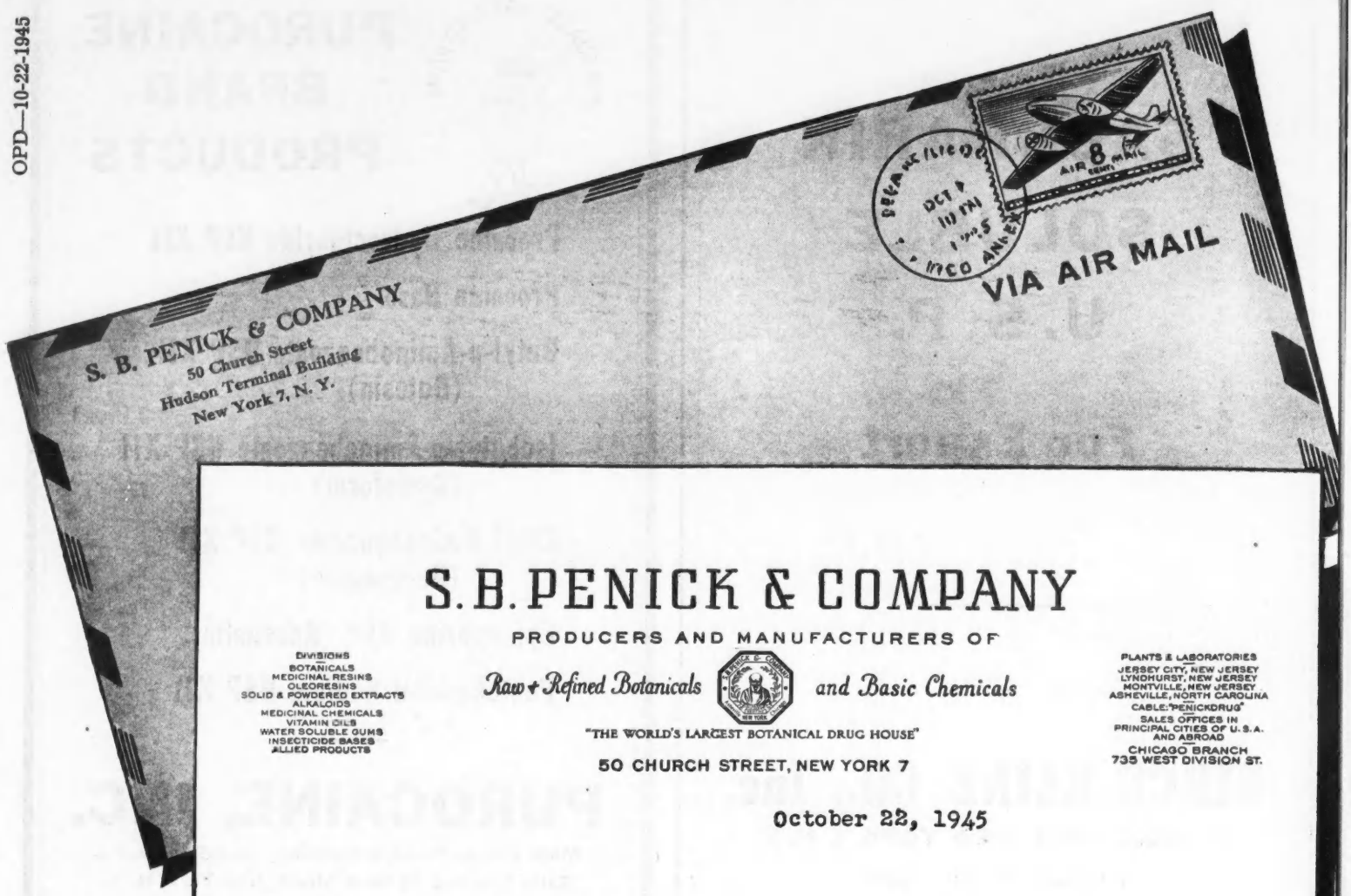

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AND ABROAD
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October 22, 1945

Gentlemen:

RE: QUININE
SULPHATE or HYDROCHLORIDE, U.S.P.

The recent release of additional quantities of QUININE from the government stock pile permits this drug's use in straight dosage form in pills, capsules, tablets or ampoules. This provides QUININE for anti-malarial or other specific essential medicinal needs.

For the present, no QUININE will be allocated if intended to be incorporated with other ingredients, or in chill tonics, etc.

It is still necessary to apply to the War Production Board for allocation of your QUININE requirements.

As manufacturers of Cinchona Alkaloids, we will appreciate the opportunity of supplying your needs, either in bulk quantities or in subdivisions down to one-ounce packages.

We assure you that your order will have our best attention, subject to government release.

Very truly yours,

S. B. PENICK & COMPANY

ALKALOID EXTRACTING MANUFACTURERS

Botanical Drugs, Spices, Gums

The Office of Price Administration order of October 16 ending price control of all botanical drugs in whatever form constituted the market development of greatest importance last week—from the point of future price movements. But the longshoremen's strike that stopped the discharge of ships' cargoes in the port of New York was the week's development of greatest annoyance—although, in the nature of things, the very acuteness of the crisis worked to shorten the dismay of importers since the strikers returned to work on Friday.

An idea of the effect of this interunion strike may be obtained from the fact that, during the week, several ships unable to discharge cargoes in this harbor departed for other ports still unstruck—among them Montreal, Boston, and Baltimore. The diverted botanical drug cargoes must be landed in these other ports and fetched to New York by rail—an added cost to the importer and one probably to result in higher prices to the ultimate buyer.

Domestic botanical drugs had been clear of price control for a long time but OPA had kept ceiling control over prices for imported crude merchandise, including such derived products as solid and fluid extracts made from either domestic or foreign botanics. Removal of all price control will be a blessing as regards extracts and the ability of their makers to produce and sell without financial losses.

The action of OPA has put the botanical drug market one more step forward toward total freedom of action by sellers and buyers alike. The strike-bound New York harbor made the market deliveries subject to delays and higher casts.

Balsams

Tolu—An arrival of 50 cases was reported last week, but the goods found ready purchasers among those who, because of stock scarcity, had been on starvation diet for some time past.

Barks

Cinchona—The tense political situation in Java postpones an early reestablishment of cinchona bark exports from that country to the United States, where manufacturers of cinchona derivatives are eager once more to set up offerings of a full line of such products.

Orange Peel—European peel does not show up in imports of the limited quantities of continental produce reaching this country for some time past. Consumers have to depend mainly on Haitian peel.

White Pine — If manufacturers of white pine compound can get sufficient raw materials, removal of price ceilings on October 16 may well have the effect of increasing supplies of the large-selling Winter item. Ceiling curb had driven some former producers in large quantities entirely from the sales market.

Beans

St. Ignatius—Reestablishment of an import business in this article must await further smoothing of the rough and unsettled conditions prevailing in the primary market.

Vanilla—The spot remains understocked. Recent arrivals were spoken for substantially long prior to the actual landing of merchandise in recent consignments, which were relatively large. Dealers hold but modest stocks of unsold beans and take an exceptionally firm view on the value of their products.

Berries

Raspberries—In comparatively low supply and strongly maintained as to prices, which are in line with the high values already paid in the domestic primary market. Local quotations were not under $1.65 to $1.70 per pound, and little was available at either end of the narrow range.

Market Trends

Prices Advanced

Drugs

Papain, powdered, 25c. per lb.
Raspberries, dried, 5c. per lb.
Sarsaparilla root, Mexican, 9c. per lb.

Other Articles

Cardamom, medium, 5c. per lb.
decorticated, 8c. per lb.
green, 2c. per lb.
Paprika, Portuguese, good, 1c. per lb.
Sage, Spanish, ½c. per lb.

Prices Reduced

Drugs

Ginger, Jamaica, No. 3, ½c. per lb.
Rhatoon, ¼c. per lb.
Rue herb, 12c. per lb.
Sarsaparilla root, Jamaica, 12c. per lb.

Other Articles

Caraway seed, Canadian, 1c. per lb.
Coriander seed, Morocco, ¼c. per lb.
Laurel, Portuguese, ¼c. per lb.
Poppy seed, South American, 23c. per lb.

Comparative Price Indexes

Botanical Drugs

(100=August 1, 1914)

Last week.	Prev. week.	Last month.	Last year.
246.8	246.1	243.3	244.5

For Current Prices see page 9.

Flowers

Chamomile — Both Hungarian-type from Argentina and Roman flowers from Belgium held firm in price and were offered moderately well, though few have substantial stocks of either kind to sell for prompt delivery.

Pyrethrum—Some Brazilian flowers were noted in import arrivals last week. The quantity totaled 487 bales, an amount that can be absorbed readily since the manufacturers of pyrethrum derivatives face a large consuming market for such products. However, it was noted last week that banks had been approached for loans against flowers now in this country—which suggests a possible change in the overall picture.

Gums

Aloe—During the past week 133 cases arrived at this port. Whether they were unloaded is another question, since the longshoremen's strike has tied up discharge of waiting cargoes.

Myrrh—Spot stocks were rejuvenated to the extent of 17 cases of this gum, the quantity reported arrived during the past week. The gum reached a market of very steady prices and fair amount of seasonal request.

Olibanum—During the past week an arrival from the primary market added 67 bags of this gum to the conservative reserves held by local dealers. Trading interest was reasonably active and sufficient to eliminate any tendency to shade recent prices.

Herbs and Leaves

Euphorbia Pil — A comparatively large quantity of this article reached port last week, amounting to 11,454 pounds at a nearby point. It was a welcome addition to the comparatively light supplies in hand prior to the arrival. Prices failed to weaken.

Henna—A matter of 50 bales reached this port last week. Demand was fairly broad and well maintained throughout the period and business was done on the basis of very steady prices.

Laurel — Portuguese goods were lower at 15c. to 15½c. per pound and spot Turkish made a market at 20c. to 21c.

Rue—A further decline in prices set the market down to 48c. to 50c. per pound depending on quantity and conditions at time of sales. Competition has broadened since the late arrivals.

Sage—The one change in price came in Spanish leaves which were advanced to the basis of 17½c. to 18c. per pound by local trading.

Senna—Cables continued to stress strength as the prevailing element in primary market prices. Sellers showed substantial reserve in making offerings and meeting competition. An arrival of 146 bales of siftings was noted.

Miscellaneous

Colocynth Pulp—Spot stocks gained through the importation of 13 bales of

For Late Market Developments, See Page 4

Hopkins' Rajah Brand

POWDERED NEUTRAL WHITE SOAP

Since it is an essential constituent of a number of toilet articles, Soap is a basic material of special interest to the manufacturer.

The value of a toilet article depends entirely on the quality of soap used in its manufacture.

"Hopkins' Rajah Brand Powdered Neutral White Soap" is especially adaptable for use in the manufacture of Tooth Powders, and Paste, Mouth Washes, Shampoos, Shaving Creams, Bath Powders and other toilet articles of superior quality, is neutral non-irritant, snow-white and free from soapy flavor.

It possesses exceptional cleansing power and yields a profuse, lasting lather.

It does not harden with age, and is not prone to become rancid.

"Hopkins' Rajah Brand Powdered Neutral White Soap" yields finished products that are uniform in composition and appearance, which is a factor of supreme importance to every manufacturer of Toilet articles.

Samples and prices gladly sent upon request.

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Why does KELCO ALGIN never vary? Because it is manufactured to definite standards, scrupulously supervised. Once it is correctly adapted to your formula —as STABILIZER, SUSPENDING AGENT, BODYING AGENT or HYDROPHILIC COLLOID—you can positively rely on it for absolute uniformity. Unlike other nature products which may vary with their changing conditions of growth or environment, KELCO ALGIN is a seaplant derivative that can be and is controlled and confined to the definite standards set up for any particular use.

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WAREHOUSES AND PROCESSING PLANTS: BROOKLYN, N. Y., NEWARK, N. J.

this merchandise last week. Demand was rather light and generally irregular throughout the period.

Manna—Former users are coming to life with inquiries as to availability of supplies, but Italy has yet to despatch either large or small flake to this market.

Papain — Prices for replacement goods have risen about 50c. per pound at the point of origin and spot quotations were up to $3.50 to $3.75 per pound as sellers turned to reserve as the proper approach to the spot market at this time. Payment of higher cabled prices has yet to be announced.

Roots

Goldenseal—Though no higher in price, this item was even firmer as to values and moderate stocks have just about eliminated the element of competition from current sales—which are not helped in the least by what dealers are forced to ask.

Sarsaparilla—Jamaican root was lower at 45c. to 47c. per pound, but the Mexican article was higher at 32c. to 33c. per pound and not substantially supplied in any quarter.

Senega—Fully maintained prices were the rule. Activity was inconsequential last week but local strength hitched closely with the market views of primary market sellers.

Seeds

Caraway—The limited quantity of Dutch seed reported to be available late in the previous week went quickly to eager buyers at 74c. to 75c. per pound. The only firm price late in the week was one of an indefinite and problematical future position at about 70c. per pound. Canadian seed was lowered to 77c. to 78c. per pound.

Cardamom—All prices were raised again to reflect replacement costs. Bleached of medium size closed the week at $1.40 to $1.45 per pound; decorticated seed from India was up to 90c. to 91c., while seed from Guatemala went up to 92c. to 93c. Green was unavailable under 67c. to 68c.

Coriander—Morocco seed was a small fraction lower at 9½c. to 10c. per pound.

Cumin—A further arrival totaled 235 bags from Havre, France, and failed to supply an open market price for quotation purposes.

Mustard—Prices remain very firm and conditions relating supplies of Montana seed suggest that users will be compelled to compromise on their demands and take deliveries of oriental brown seed.

Poppy—South American seed dropped sharply to 45c. to 46c. per pound in meeting the competition of the limited amount of Dutch seed that became available lately at 40c. to 41c. per pound. Some brown Turkish was put on the market at 26c. to 27c. per pound, subject to passing. One importer at a nearby point offered Danish blue seed for distribution sales at 38c. per pound, October-November arrival, f.o.b. U. S. ports.

Spices

Clove—Madagascar spice now afloat was offered at the fractionally higher price of 15¾c. to 16¼c. per pound. The most recently received report of the Clove Growers' Association in Zanzibar states that exports for the week ending July 21 totaled 180,040 pounds. London was due to receive 1,286 bales of 140 pounds each. Asso-

—*Continued on page 65*

B.T. Bush, Jr., Joins Bush Aromatics, Inc.

After graduating from Hamilton College, B. T. Bush, jr. entered the Naval Reserve in August, 1940, as an aviation cadet. He has since been flying for the navy, ferrying aircraft and instructing in this country and in Central America. He formed a crew of six for the PV-2 (Harpoon) and was destined for the Pacific when the war was terminated. He was discharged from the Navy at San Diego in September, 1945.

Dr. Raynolds Joins National Oil Products

Dr. J. Albert Raynolds, formerly technical director of vitamin oil operations for Atlantic Coast Fisheries Company, has been made technical consultant for National Oil Products Company, Harrison, N. J.

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Established 1840
CRUDE DRUGS

A Book Is Born
—and
The Zone Plan Won

The pharmacopœial plan prepared by Dr. Lyman Spaulding of New York City and nurtured by country-wide medical groups bore fruit in 1820 when the first official United States Pharmacopœia was adopted. Dr. Spaulding's scheme created four zones by state groups — northern, middle, southern, and western.

Zone 1—New England States
Zone 2—N.Y., N.J., Md., District of Columbia
Zone 3—States south of those boundaries
Zone 4—States west of those boundaries

Each zone was to convene its medical groups, prepare a pharmacopœia, and select delegates to a National Convention set for January 1, 1820, at Washington, D. C. The convention was to prepare the official United States Pharmacopœia from data supplied by the four zones.

The plan succeeded and the 125th anniversary of the first official U S P is being celebrated in 1945.

WAREHOUSE AND MILLS
JERSEY CITY NEW JERSEY

TRADE MARK

Botanical Drugs

—*Continued from page 64*

ciation selling prices were 55s per 100 pounds for grade 1, considered to be a nominal figure; grade 2, 52s; grade 3, 49s.

Ginger—No. 3 Jamaica root was shaded to 17½c. to 18c. per pound, while the rhatoon quality was down to 17¼c. to 17¾c.

Paprika—Good quality Portuguese pepper was higher at 39c. to 40c. per pound.

Pepper—An arrival of 19,200 bags of black pepper, African in origin, was reported here last week.

Pimento—A recent and very substantial purchase for export to Sweden has fallen through and the goods were seeking a new buyer last week.

Markets at Other Centers

Los Angeles, Oct. 17.—Market conditions remained much the same as in previous weeks, with almost all supplies short. Prices are:—

Marjoram — French type, 35c. per pound in dried form.

Sage—Dalmatian type, 40c. per pound for lots containing less than 12 percent stems. Leucophylla was quoted at 32c. per pound.

Savory—French type, named at 75c. per pound.

Sweet Basil—75c. per pound in dried form.

Thyme—French type, 90c. per pound in dried and clean form.

Powell & Co. Elects

G. R. Rinke has been elected chairman of the board of John Powell & Co., basic materials for insecticide manufacturers, New York and John Powell has been elected president. Other executive officers are:—

Vice-president in charge of research, Dr. Alfred Weed; vice-president in charge of sales, W. J. Haude; vice-president in charge of production, W. J. Pollert; vice-president and treasurer, H. Alvin Smith.

Procurement Time Lags

—*Continued from page 3*

(heavy), fertilizer materials, lead chemicals, phthalic anhydride, and tar acids (cresyls and cresylic).

For other chemicals, the report shows the following:—Charcoal, lead time now eight weeks, normal by January; chrome chemicals, now four weeks, normal by January; coated fabrics, now eight to fourteen weeks, normal by July; glue (animal), now eight to thirteen weeks, normal by May; nicotine, now four weeks, normal by March; peroxide, now two weeks, normal by January; rosin, now thirteen to seventeen weeks, normal by July; rotenone, now four weeks, normal by March; sodium phosphate, now eight to twelve weeks, normal by July.

For the following chemicals the report could give no estimate when the lead time will be normal:—Molasses, now eight to thirteen weeks; quinidine, now four weeks; resins (natural), now eight to thirteen weeks; tapioca, now thirteen to seventeen weeks; waxes, now eight to thirteen weeks.

Before the war, orders for almost all the chemicals covered were filled out of stock. Exceptions were coated fabrics, where the lead time averaged three weeks, and charcoal, natural resins, tar acids, and waxes, where the lead time averaged four weeks.

Paul Slawter Joins J. Hayden Twiss Agency

Paul B. Slawter, jr., has resigned as director of research and promotion for Chemical Industries Magazine to become copy chief and account executive for The House of J. Hayden Twiss, advertising agency, New York. He will assist in the preparation of copy for accounts in the chemical and allied industries.

Associated with Chemical Industries since February, 1941, first in an editorial capacity and later as director of research, Mr. Slawter returned in June of this year after an absence of more than two years, during which time he served as an 8th Air Force navigator in the ETO.

Mr. Slawter, whose decorations include the Distinguished Flying Cross, the Air Medal with four Oak Leaf Clusters and a Presidential Unit Citation, attended Alfred University's College of Ceramic Engineering and New York University.

N.A.I.D.M. to Meet

The National Association of Insecticides and Disinfectant Manufacturers will hold its annual meeting in the Hotel Commodore, New York, December 3 and 4.

'OPA Price' New Tag

"OPA Price" will be used instead of "Ceiling Price" on a large part of the merchandise sold in retail stores, the Office of Price Administration has announced.

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FACTORIES AT CLIFTON, N. J. AND SEILLANS (VAR) FRANCE

Essential Oils, Other Aromatics

While declines outnumbered advances in the market for essential oils and aromatic chemicals last week, there were no indications that the general market trend was downward. On the contrary, many materials continued in tight supply, and spot offerings were scarce. In the case of some oils that underwent price revisions, indications pointed toward a firming of the price structure on any new offerings because of political developments and higher replacement costs. Aside from the limited quantities of imports from the Far East, Africa and the Continent, domestic labor insufficiencies impeded production of many materials here.

A further decline in peppermint oil provided the principal price development in the essential oils. Demand apparently failed to keep pace with the increased crop, and sellers were more than adequately supplied. Ginger, artificial mustard and California orange displayed slightly easier tendencies, while Ceylon citronella and Spanish sage oils were offered at lower levels. Bergamot declined in keeping with the pending arrival of 100,000 pounds from Italy, however, future offerings from that country were expected to be at firmer levels. The upward revision in red and white thyme reflected the tighter situation. Offerings of eucalyptus were small, and prices moderately higher. Coriander and lignaloe Mexican Wood were firmer.

In aromatic chemicals heliotropin continued scarce. Production was getting underway slowly in many products, and supplies were still tight. Sellers usually confined offerings to regular consuming channels based proportionally on 1941-1942 purchases. Inquiries from cosmetic and soap industries continued brisk, but many of these materials were not available in sizable quantities. While the outlook appeared brighter in most respects, the actual market was tighter. It was necessary to "shop," and inquiries for substitute materials remained heavy. On a single bid for some material, it was not unusual to have several inquiries circulate through various channels to give the appearance of a greatly stimulated demand.

Market Trends

Prices Advanced

Coriander, $1.50 per lb.
Eucalyptus, 3c. per lb.
Lignaloe wood, Mex., $1 per lb.
Thyme, NF, red, 40c. per lb.
white, 40c. per lb.

Prices Reduced

Almond, bitter, FPC, 65c. per lb.
sweet, exp., 10c. per lb.
Bergamot, nat., Italian, $1 per lb.
Cedarleaf, USP., 10c. per lb.
Citronella, Ceylon, 10c. per lb.
Ginger, dist., $1.50 per lb.
Mustard, artif., USP, 15c. per lb.
Orange, Calif., 10c. per lb.
Peppermint, nat., 60c. per lb.
redist., USP, 60c. per lb.
Sage, Spanish, 10c. per lb.

Comparative Price Indexes

(100=August 1, 1914)

Last week.	Prev. week.	Last month.	Last year.
220.1	224.8	233.1	260.1

For Current Prices see page 9.

Essential Oils

Almond—Quotations tended lower, spot offerings of bitter were $4.60 to $4.85 per pound, while the sweet eased slightly at $1.20 to $1.25 per pound. Buying was only moderate.

Anise—There were no new price developments in the market, however, supplies were not abundant, and quotations on Russian oil held firm.

Apricot Kernel — Inquiries were moderate, and most consumers held commitments close to requirements. Prices steady to firm.

Bergamot—Spot prices in natural Italian material reflected the heavier shipments about to reach here from Italy; quotations declined $1 per pound to the basis of $9 to $10 per pound. Recent reports from Italy indicate higher spot selling prices. No change occurred in the Brazilian or artificial material.

Caraway—Ten drums of caraway arrived from Rotterdam last week. Offerings of Dutch material for November-December shipment will be at $10 per pound. In the interim, quotations held at the same levels.

Cardamom—Prices for raw material underwent very sharp advances last week and reports suggested that the rise might be extended. The position of oil strengthened accordingly and late in the period dealers began to show some reserve in the matter of offerings.

Cassia—Nothing but cassia substitutes was available but the consumption of such merchandise was in good sized volume and, if anything, showed a tendency toward expansion. That situation in the market is subject to change once Chinese exporters can again make offerings of shipment oil—and actually get the goods started to this country.

Cedarleaf—Spot offerings ranged from $2.50 to $2.60 per pound. Only moderate quantities appeared, however, and withdrawals were usually confined to nearby requirements.

Citronella—Limited spot offerings of Ceylon ranged from $2.50 to $2.60 per pound. Stocks of Java remain exhausted, and because of political developments in the Far East, no early improvement in the situation was anticipated.

Clove—Enormous quantities of clove spice have reached this country during the past fortnight and the production position of clove distillers in this country should undergo considerable improvement. The price of spice, however, remains relatively high.

Coriander—A firmer price tone was evident, and quotations ranged anywhere from $25.00 to $35.00 per pound as to dealer. Spot offerings continued limited.

Eucalyptus—Market reflected the tightening in supplies, the few offerings ranged from $1.18 to $1.25 per pound. No early improvement in imports from other countries was expected.

Geranium—While modest arrivals have increased spot stocks, no further weakening was evident in the prices. No Russian material was available.

Ginger—Supply situation improved as more African raw material made its appearance; distilled oil was available in the spot market from $13.00 to $14.00 per pound.

Lavender—Offerings of French Lavender in the spot market continued scarce, prices ranged from $14.00 to $18.00 per pound, according to ester content. Three casks arrived last week. Stocks of Russian were nil. Pure Spanish spike was available at $3 to $3.25 per pound.

Lignaloe—Mexican wood remained in short supply, and offerings were $4.75 to $5.00 per pound. No stocks of seeds reported.

Mustard—An easier tone was displayed for the artificial oil, and some offerings were made at $1.45 per pound. Supplies were not considered abundant, although most sellers had sufficient quantities to take care of inquiries.

Orange—Prices for California ranged from $1.65 to $2.00 per pound as to producers. Some West Indies oil offered at $2.75 per pound. A shipment of 250 cases reached here from Santos, Brazil, last week.

Patchouli—Stocks were practically non-existant, and bids for small quantities were made at levels way out of line with actual market prices.

Peppermint—The market eased further as the new crop increased supplies and demand lagged. Quotations for natural were from $6.15 to $6.75 per pound, while the redistilled ranged from $6.50 to $7.10 per pound.

Rosemary—Pure Spanish material ranged from $1.35 to $1.60 per pound; technical grade held at $1.25 per pound. Spot stocks appeared adequate to take care of all inquiries. Political developments in Spain were watched closely, however, for future shipments at higher levels.

Sage—Quotations eased slightly at $2.65 to $3 per pound. Some clary material was now available at $19 per pound.

Thyme—A further tightening occurred in the market and prices reflected the supply situation; red oil ranged from $2.75 to $3 per pound,

For Late Market Developments, See Page 4

while white was from $3.10 to $3.50 per pound.

Wormseed—Distillation of Fall crop is underway, with a good quality of oil indicated from reduced acreage. Spot stocks were available for prompt shipment.

Wormwood—Few sellers had any material to offer, bids were made at fancy prices in some quarters.

Aromatic Chemicals

Acetophenone — Shipments were steady to regular consuming channels. Prices ranged from $1.50 to $1.70 per pound.

Acid, Cinnamic—Refined material was quoted at $1.05 per pound. Sellers usually limited offerings to consumers based on 1942 purchases.

Benzyl Compounds—Producers were now in position to resume output of cinnamate, formate, propionate and salicylate. Initial production was expected to be limited.

Heliotropin—A scarcity continued to prevail, and consumers had difficulty obtaining any sizable quantities. Prices very firm.

Phenylacetic—Demand was sufficient to take care of available offerings, and market dsiplayed firmness.

Vanillin—Some irregularity developed in the demand, reflecting seasonal influences from certain consuming channels. Prices were unchanged.

N.Y. Electrochemists to Meet

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1 Lead Lined 500 Gal. Autoclave; Jktd. Agitated..... 106
1 Devine Jacketed Autoclave; 31"x 36"; hinged cover with swing bolts 606/E2

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1 Devine Cast Iron Surface Condenser with Receiver; Type 40-3Y 606
1 Devine Vertical Heat Exchanger with 82 sq. ft. steel tube surface.9549
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1 Devine Rotary Vac. Dryer; 5'x30' 8422
1 Buffalo Vac. Drum Dryer; 24"x20' 9776/N2
8 Mosser Rotary Kilns; 7'6"x60'..8579
1 Gehnrich Festoon Type Dryer; 56"x9'7"x20'6" 8671
1 Inconel Single Drum Atmospheric Dryer; 20"x17".....136/F1
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1 Buffalo and Devine 6' Pan Dryer; open type; 6' dia.....9725/C

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2 Swenson 6' Cast Iron Evaporators with jet condensers.....9882
1 Zahn Evaporator or De-Alcoholizer, 15" dia. x 12' high; 5 H.P. motor..... 487
1 Aluminum Jacketed Vacuum Evaporator; 40"x58".....9906/H3
1 Copper Jacketed Vacuum Evaporator; 30"x50".....9906/H2
1 Pfaudler Glass Lined Jacketed Evaporating Dish; 28"x10".....9794
1 Pfaudler 500 Gal. Glass Lined, Jacketed and Agitated Open Top Evaporator; 5'x2'..... 760
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Continued—Last Column Opposite Page

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1—Stokes Style F Single Punch Tablet Machine ¾"
1—60 gal. Cast Semi-Steel Autoclave, agitated, 3" wall
2—Kiefer No. 3 Visco Rotary Fillers
2—Bantam & No. 2TH Mikro Pulverizers, motor driven
45—Drying Rack Trucks, on wheels
1—Copper Varnish Kettle, 175 gal.
10—Copper Jktd. Kettles, 25 to 100 gal.
12—Lead Mixers, 80, 100, 140 gals.
2—Day, Nos. 10 & 20 Imperial Double Arm Mixers, 30 & 50 gals.
1—Howes 24" x 12' Powder Mixer.
5—Oliver Filters, 5' x 8' to 8' x 10'
6—Shriver Sperry Filter Presses, 36", 32", 30", 24", 18"
5—Shriver Wood Filter Press Skeletons, 24" to 42"
4—Rubber Lined Pebble Mills, 3'x3', 2'x3'
1—Jeffrey Hammer Mill, 24" x 13"
1—Williams No. 1 Hammer Mill
2—Kent 20" Tandem Stone Mills
2—Kent Lab. 8" Stone Mills
3—Sharples No. 6 Presuritte, De Laval No. 600 Clarifiers
3—American Tool 42" suspended type Centrifugals, stainless steel baskets, motor driven
2—Tolhurst 32", 40" suspended type bottom discharge Centrifugals solid baskets
5—Tolhurst 32", 40", 48" Self-Balancing Type Centrifugals
3—Buflovak Vacuum Drum Dryers, 24" x 20", 48" x 40", 5' x 6'
3—Atmos Drum Dryers 4'x9', 5'x7'
6—Copper and Steel Vac. Pans, 50 to 750 gals.
3—Steel Jacketed Kettles, 600 to 1,200 gals., some agitated
2—Swenson Continuous Crystallizers, 24" x 30'
2—Devine 8" x 6", 10" x 10" Two Stage Vacuum Pumps
3—Condensers, 50 to 200 sq. ft.
2—1,750 gal. Lead Lined Closed Tanks
2—80 and 125 gal. Dopp Jacketed Agitated Kettles

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1—Oliver 8'x10' Rot. Vac. Filter.
1—Hardinge 6'x48" Conical Mill.
1—Tube Mill, 5'x15'.
2—Dorr 15' Bowl Classifiers.
1—Sturtevant 36" Rock Emery Mill.
1—Williams Hammer Mill, 24" D. x 12" F.
30—Centrifugal & Rotary Pumps.
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2—Batteries (9 & 11) Tolhurst 40" Suspended Type, Centrifugals, Motor Driven, Bottom Discharge.
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1—Day 100-lb. Powder Mixer.
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5—0000 and No. 0 Raymond Mills.
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1—Howe Barrel & Bag Packer.
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2—Wall Vac. Pumps, 4"x2½".
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1—Oliver 14"x8" Duplex Vac. Pump.
1—Penn. Vac. Pump, 14"x5".
1—National Acme Model C20, stainless steel Centrifuge.
2—De Laval Multiple Clarifiers, 300 & 301.
1—De Laval Separator, Lab. size.
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1—Ross 16"x48", 3 Roll Mill.
3—Double Stand Steel 4 Roller Mills, 7"x18" to 7½"x30".
10—Iron Mills, 12", 14" & 18".
8—Stone Mills, 8" to 32".
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Continued from First Column Opposite Page

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4 Copper Steam Jacketed Kettles 100 gal.....Stock
4 Copper Steam Jacketed Kettles 150 gal.....Stock
1 Copper Kettle 300 gal. and 1 Kettle 700 gal.....Stock
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1 Steel Jacketed and Agitated Kettle, manhole type; 450 gal. 48"x6" 668

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1 Raymond No. 00 Mill with 35 H.P. motor.....97/F106
1 Williams Type NF 20 Hammer Mill.....9083

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Will purchase your surplus stock of chemicals, drugs, oils, waxes, dyes, solvents. Are you overstocked due to formula change or government cancellations? Write fully. Will make immediate offer. OPD 327.

Paradichlorbenzene wanted in crystals or nuggets any size. Will buy small or large quantities C. O. D. OPD 370.

Bulk Supplies of chorionic gonadotropic hormone and estrogenic hormone, crystalline in substantial quantities. Offers from producers solicited. OPD 373.

To Manufacturers and Jobbers—Are you overstocked? We require immediately large or small lots, many items, chemicals, pharmaceuticals, solvents, aromatics, waxes, other supplies. Submit offerings at once. Correspondence treated confidentially. OPD 351.

PLANTS WANTED

Aromatic Chemical manufacturer is interested in purchasing a small or medium-sized plant, with or without equipment, within 25 miles of New York City. Offers with complete details, which will be held in strict confidence, are solicited. OPD 326.

POSITIONS VACANT

Varnish Formulator wanted — Excellent opportunity for right man. Reply in complete detail. OPD 348.

Paint and Varnish Chemist: Medium size, well established, well-known and progressive Ohio manufacturer has a really good opportunity to offer for a man who has general all-around experience with shelf goods and industrial products. Excellent salary and bonus arrangement. Splendid opportunity for post-war as our plans call for expansion and additional plant. Your replies will be held strictly confidential. Address OPD 320.

Wanted—One experienced tablet coater; also one experienced tablet man. Steady positions with excellent working conditions. Give full particulars, education, experience, etc. Write Neoco Corporation, 1007 North McCadden Place, Los Angeles 38, California.

Wanted by large manufacturer of pharmaceutical chemicals, one or more salesmen familiar with selling vitamin products for fortification to bakers and millers. OPD 342.

POSITIONS VACANT

Inside Salesman — Large pharmaceutical bulk house has opening for man to handle telephone and mail quotations, sales correspondence and supervise sales records. Selling experience in pharmaceuticals or fine chemicals would be helpful. Ideal job for physically disabled veteran. OPD 343.

Soap factory in Panama needs first class soapmaker with recent experience in the manufacture of all types of soap from cheapest laundry soap to finest toilet soap, flakes and powder included. Must be capable of organizing production and laboratory. If desired, permanent position with good salary and bonus to the right man. State age and experience. References required. Reply to OPD 356.

Chemist for development of shoe and and leather finishes. State experience, age and salary desired. Enclose recent snapshot. OPD 363.

Chemist — experienced in formulating bakers, ice cream and soda fountain supplies. Adding to our present household remedies and extract lines the above, and also package line of condiments and various prepared kitchen mixes. Must be able to supervise and handle production. Plant in New Orleans. Write and give experience, age and other pertinent facts. OPD 365.

Technical Service man for application research and field service for dyes for the carbon and ribbon, pencil and wood stain trades. As much experience as possible desired. OPD 368.

Chemist with textile coating experience. Small progressive firm located near New York requires chemist experienced in pyroxylin or vinyl coatings. Opportunity to advance with growing concern. Give full particulars. OPD 375.

Wanted: sales manager, by well established nationally advertised eastern manufacturer of ethical pharmaceuticals and biologicals. Must be alert, aggressive and a forceful administrator. Knowledge of products not essential. Write, stating full qualifications c/o President. OPD 377.

Chemist for research and development work in laboratory and plant of New York chemical specialties manufacturer. Give complete information in letter of application. OPD 380.

Chemist: experience preferred on pyroxylin, vinyl and other formulations. Excellent opportunity. Give full details. OPD 383.

Chemist: experienced in the use of resinous products, wanted by large and old established manufacturer located in the New York-Philadelphia area. Opportunity for good progress for man who has ability to appraise the usefulness of various resins. In reply give summary of training, experience and salary desired. OPD 386.

POSITIONS VACANT

Chemical Engineer wanted with practical experience in paints and lacquers for material and process development work. OPD 384.

Salesmen: Large manufacturer sanitary chemicals, selling to distributors has opening for experienced men. Good opportunities in established territories. Must be capable of earning in excess of $5,000. State experience and references in first letter. OPD 387.

POSITIONS WANTED

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Sales Executive with thorough experience pharmaceuticals, biologicals, fine chemicals, import, export, seeks responsible position with first class firm. OPD 364.

Graduate Chemist, 5 years experience in ink, hot melt compounds and resin adhesive manufacture wishes opportunity as technical sales representative for a resin manufacturer. No sales experience. Will consider New York area only. OPD 366.

University Graduate chemical engineer paints, varnishes, coatings. Research-supervision and factory management. References. OPD 371.

Chemical Research director, for many years active in organic chemicals, dyes and pigments with much experience in plant design and operation desires position in research or plant operation. OPD 372.

Sales Executive, chemist, 25 years in sales, 18 years managing and directing technical sales and development. Available for position or partnership where training and experience can be used effectively. OPD 374.

Chemical Engineer with long experience in synthetic surface coating materials, paints, varnishes, lacquers, shellac bleaching. OPD 376.

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1—4 shelf electrical heated dryer, 22 x 26" I.D.
2—Pneumatic scale 8 spout vacuum fillers complete with vacuum pump and motor
5—Copper stills, 5 gallons to 70 gallons
1—26" copper coating pan
1—No. 4 Jeffrey barrel vibrator
1—24" x 24" steel impregnator
1—Munson hammermill
1—Creasy' ice breaker
1—Daniels No. 2 rotary cutter
1—Simpson intensive mixer M.D.
4—Glass-lined tanks, 110-500 gallons
10—Aluminum tanks, 50-750 gallons
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Oil, Paint and Drug Reporter

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